



Corporate Pensions Process Automation

Message Mapping. ViaNova to ISO 20022 (4.04)

VIA NOVA WORKING GROUP

LIVE FROM 18th November 2017

History

Version 3.00	Mapping complete. Work in progress on examples
Version 4.00	Example messages complete – LIVE VERSION
Version 4.01	Correction to switch order mapping. The mandatory investment account identifier at the order level had been missed when the mappings were refactored to the new message schema. This has now been corrected in the message maps and the example messages. This is now a correct representation of the ViaNova data model. The changes have been marked with an asterisk in the message map.
Version 4.02	Added missing optional sub account ID from the redemption order map. Tidied up example messages by removing names space identifiers that would not be supported on SWIFT – the examples now look more like the ones in the previous editions of ViaNova.
Version 4.03	Typos and copy/paste errors corrected. Switch order map – subscription leg financial instrument tag name corrected. Missing comments added to the physical delivery indicator. Subscription order cancellation request -spurious row removed.
Version 4.04	Corrected the switch confirmation mapping to show the choice between net and gross amount in the subscription leg which had been missed.

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Introduction

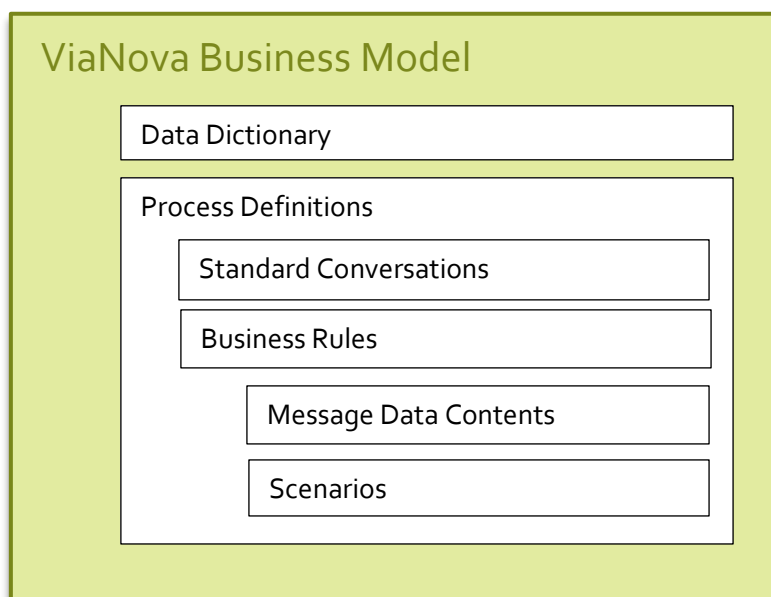
The ViaNova market practice group defines the standard for automated order processing and reporting for the UK corporate pensions industry. The group created the first draft of the ViaNova market practice in 2006 with the first live order traffic being sent in 2008. Billions of pounds worth of business have been transacted using the ViaNova market practice rules, and a market of solution providers who support the standard has emerged.

Refactoring of the 2017 edition

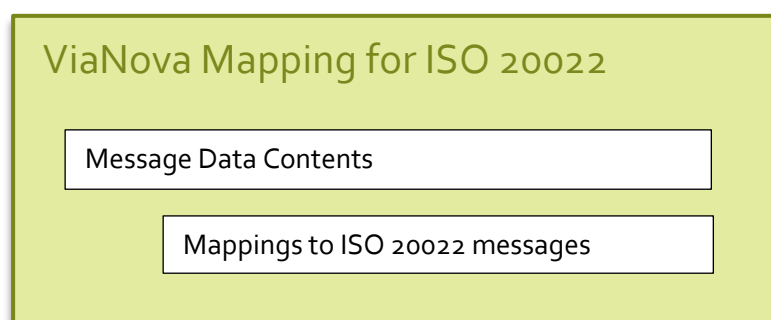
Since the original version of this document there have been changes to the way market practice documents such as this approach their objectives. We have found it useful to increasingly divide the business data model from the underlying messaging technology that we use to implement solutions.

This is known as the 'business focused' approach to market practice, it moves the emphasis away from the needs of any technical solution and instead concentrates on the business data items that need to be exchanged for automated processes to be built.

The business focused model has high level data definitions – but is not focused on any particular technical solution for delivery.



Along with the ViaNova Business Model we also define maps to enable the ViaNova business model to be implemented using standard messaging formats. The default messaging technology for ViaNova is the ISO 20022 message set delivered over the SWIFT network.



To support this new approach, we have divided the ViaNova market practice document into a Business Model document and a separate ISO 20022 mapping document (this document).

ViaNova and ISO 20022

This document contains the standard mapping from the ViaNova data model to the ISO 20022 message set. A new version of the ISO 20022 SETR message group, the order processing messages, will be on the SWIFTNet Funds network in 2017 and this document is intended to assist firms who will be upgrading from the previous version of the order messages supported by ViaNova to the new version.

Gross Amount versus Net Amount

Historically, ViaNova has used the net amount element when sending and confirming orders denominated in cash. This has worked to date because the funds that are traded using ViaNova business requirements include the effect of fees in the price, additional deductions for charges are not made.

However, we are seeing a growing demand for dealing in funds that do make separate charges. Where this is the case it is usual to state the order cash amount as a gross amount.

It is envisaged that a subsequent release of ViaNova will specify the mechanisms whereby charges can be quoted separately in an order confirmation. This work has not yet been done and this is not yet part of ViaNova for 2017. But we do propose to allow the use of the gross amount element.

Our 2017 proposal is as follows. The ViaNova data model has makes use of a 'cash value' in the subscription order, redemption order, switch order legs and the confirmation messages associated with them. In 2016 we map this to the net amount element in ISO 20022 messages, however in 2017 we will allow either the net amount or the gross amount element to be used. Where a confirmation is received that contains BOTH a gross amount and a net amount the net amount should be taken to be the invested 'cash value' of the order.

Systems providers should check both the gross and net elements for a value – and map that to the cash value of the order in the ViaNova data model.

ISO 20022 Message References

All ISO 20022 messages contain an element holding the message reference. This reference is used to uniquely identify a message and provide a unique identifier for the group of orders in the order messages. In addition, there is a mandatory element containing the message creation date and time.

The pool reference is not supported for corporate pensions usage.

NOTE: When this document refers to the message reference it is referring to the ISO 20022 message element <MsgId> and the <Id> contained within it. We are not referring to any message reference contained within the SWIFT message wrapper or any other message delivery mechanism.

	Message Reference	Previous Reference	Related Reference
Subscription, Redemption or Switch Order	TPA order message reference		
Order Instruction Status Report			TPA order message reference
Order Cancellation Status Report			TPA order message reference
Subscription, Redemption or Switch Order Cancellation Request		TPA order message reference	
Subscription, Redemption or Switch Order Confirmation			TPA order message reference

The TPA order message reference and its path through the order process.

When the TPA refers to an order message they use the 'previous reference' element. When the product provider needs to refer to an order message they put the reference in the 'related reference' element.

Uniqueness of Message References

Message references must be unique across all message types from a particular sender. From the receiver's point of view however there is no guarantee that message references are unique. It is perfectly possible to receive messages with the same message references from two senders.

Receivers must always combine the identity of the sender and the message reference to create a unique identifier for a message. How the sender's identity is obtained depends on how the message is delivered. If messages are received via the SWIFTNet Funds service, then the SWIFT message wrapper must be examined to obtain the SWIFT certified identity of the sender. Where other delivery mechanisms are used, it is essential that the

mechanism provides a means of guaranteeing the identity of the message sender – only then can a unique message identifier be created.

The following references must be unique across all message types from a sender

- Message reference
- Order reference
- Switch leg identifier

It has been agreed that order references, message references and switch leg identifiers should have a maximum length of 16 characters in order to maximise compatibility with ISO 15022 message systems.

References limited to 16 characters

- Message reference
- Order reference
- Switch leg identifier

ViaNova Subscription Order

ISO 20022 setr.010.001.04 SubscriptionOrderVo4		ViaNova Subscription Order		
ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SubscriptionOrderVo4	SbcptOrdr			
Message Identification	+ Msgld		1	1
Identification	++Id	<i>System generated</i>	1	1
CreationDateTime	++CreDtTm	<i>System generated</i>	1	1
MultipleOrderDetails	+MltplOrdrDtls		1	1
InvestmentAccountDetails	++InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++AcctId	Account ID	1	1
IndividualOrderDetails	++IndvOrdrDtls		1	n
OrderReference	+++OrdrRef	Order Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	<i>Either</i>		
ISIN	+++++ISIN	ISIN	1	1
<i>or</i>		<i>Or</i>		
OtherProprietaryIdentification	+++++OthrPrtryld			
Id	+++++Id	Proprietary Identifier	1	1
IdentifierSource	+++++IdSrc			
ProprietaryId	+++++Prtry	Identifier Source	1	1
SubAccountForHolding	+++SubAcctForHldg			
Identifier	++++Id	Sub Account ID	0	1
AmountOrUnits	+++AmtOrUnits	Subscription	1	1
<i>Either</i>		<i>Either</i>		
NetAmount	++++NetAmt	Cash Value	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
<i>Or</i>		<i>Or</i>		
UnitsNumber	++++UnitsNb	Unit Quantity	1	1
CashSettlementDate	+++CshSttlmDt	Cash Settlement Date	0	1
PhysicalDeliveryIndicator	+++ PhysDlvryInd	Set to false	1	1
BulkCashSettlementDetails	++BlkCshSttlmDtls	Cash Settlement	0	1
PaymentInstrument	+++PmtInstrm			
CreditTransferDetails	++++CdtTrfDtls			
Reference	+++++Ref	Reference	0	1
DebtorAccount	+++++DbtrAcct	Source Bank Account	0	1
Identification	+++++Id			
IBAN	+++++IBAN	Account Identifier	1	1
DebtorAgent	+++++DbtrAgt		0	1
Party	+++++Pty			
BICFI	+++++BICFI	Bank BIC	1	1
CreditorAgent	+++++CdtrAgt	Target Bank Account	1	1
Party	+++++Pty			
BICFI	+++++BICFI	Bank BIC	1	1
Creditor Account	+++++CdtrAcct			
Identification	+++++Id			
IBAN	+++++IBAN	Account Identifier	1	1
		Total Cash Settlement	0	1
TotalSettlementAmount	++TtlSttlmAmt	Currency Amount	0	1
Currency Attribute	Currency Attribute	Currency Code	1	1

ViaNova Redemption Order

ISO 20022 setr.004.001.04 RedemptionOrderVo4		ViaNova Redemption Order		
ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
RedemptionOrderVo4	RedOrdr		1	1
MessageIdentification	+Msgld			
Identification	++ld	<i>System generated</i>	1	1
CreationDateTime	++CreDtTm	<i>System generated</i>	1	1
MultipleOrderDetails	+MltplOrdrDtls			
InvestmentAccountDetails	++InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++AcctId	Account ID	1	1
IndividualOrderDetails	++IndvOrdrDtls		1	n
OrderReference	+++OrdrRef	Order Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++ld	<i>Either</i>		
ISIN	+++++ISIN	ISIN	1	1
Or		<i>Or</i>		
OtherProprietaryIdentification	+++++OthPrtryld			
Identification	+++++ld	Proprietary Identifier	1	1
IdentificationSource	+++++ldSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
SubAccountForHolding	+++SubAcctForHldg			
Identification	++++ld	Sub Account ID	0	1
AmountOrUnitsOrPercentage	+++AmtOrUnitsOrPctg	Redemption	1	1
Either		<i>Either</i>		
UnitsNumber	++++UnitsNb	Unit Quantity	1	1
Or		<i>Or</i>		
NetAmount	++++NetAmt	Cash Value	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
Or		<i>Or</i>		
HoldingsRedemptionRate	++++HldgsRedRate	Percentage	1	1
PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
RequestedSettlementCurrency	+++ReqdSttlmCcy	Requested Currency	0	1
BlkCshSttlmDtls	++BlkCshSttlmDtls	Cash Settlement	0	1
Reference	+++Ref	Reference	0	1
CreditorAgent	+++CdtrAgt	Target Bank Account	1	1
Party	++++Pty			
BICFI	+++++BICFI	Bank BIC	1	1
CreditorAccount	+++CdtrAcct			
Identification	++++ld			
IBAN	+++++IBAN	Account Identifier	1	1
		Total Cash Settlement	0	1
TotalSettlementAmount	++TtlSttlmAmt	Currency Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1

ViaNova Switch Order

ISO 20022

setr.013.001.04 SwitchOrderVo4

ViaNova Switch Order

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SwitchOrderVo4	SwchOrdr		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
SwitchOrderDetails	+SwchOrdrDtls		1	1
OrderReference	++OrdrRef	Order Reference	1	1
InvestmentAccountDetails	++InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++AcctId	Account ID		
RedemptionLegDetails	++RedLegDtls	Redemption Leg	1	n
LegIdentification	+++LegId	Leg Identifier	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
IdentificationSource	+++++IdSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
FinancialInstrumentQuantityChoice	+++FinInstrmQtyChc	Redemption	1	1
Either		Either		
NetAmount	++++NetAmt	Cash Value	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
Or		Or		
UnitsNumber	++++UnitsNb	Unit Quantity	1	1
Or		Or		
HoldingsRedemptionRate	++++HldgsRedRate	Percentage of Holding	1	1
InvestmentAccountDetails	+++InvstmtAcctDtls		0	1
AccountIdentification	++++AcctId	Investment Account	1	1
SubAccountDetails	++++SubAcctDtls			
Id	+++++Id	Investment Sub Account	1	1
PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
SubscriptionLegDetails	++ SbcptLegDtls	Subscription Leg	1	n
LegIdentification	+++LegId		1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
IdentificationSource	+++++IdSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
FinancialInstrumentQuantityChoice	+++FinInstrmQtyChc	Subscription	1	1
Either		Either		
NetAmount	++++NetAmt	Cash Value	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
Or		Or		
UnitsNumber	++++UnitsNb	Unit Quantity	1	1
Or		Or		
PercentageOfTotalRedemption Amount	++++PctgOfTtlRedAmt	Percentage of total redemption proceeds	1	1
InvestmentAccountDetails	+++InvstmtAcctDtls		0	1
AccountIdentification	++++AcctId	Investment Account	1	1
SubAccountDetails	++++SubAcctDtls			

				Id	++++Id	Investment Sub Account	1	1
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ViaNova Order Status Message

ISO 20022					ViaNova Order Status Message				
setr.016.001.04 OrderInstructionStatusReportVo4									
ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max					
OrderInstructionStatusReportVo4	OrdInstrStsRpt		1	1					
MessageIdentification	+Msgld		1	1					
Identification	++Id	System generated	1	1					
CreationDateTime	++CreDtTm	System generated	1	1					
Reference	+Ref		1	1					
RelatedReference	++RltdRef								
Reference	+++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1					
StatusReport	+StsRpt	Order Status Report	1	1					
Either (Redemption or Subscription Received)		Either							
IndividualOrderDetailsReport	++IndvOrdrDtlsRpt								
OrderReference	+++OrdrRef	Order Reference	1	1					
OrderStatus	+++OrdrSts								
Status	++++Sts	Received: RECE	1	1					
Or (Redemption or Subscription Accepted)		Or							
IndividualOrderDetailsReport	++IndvOrdrDtlsRpt								
OrderReference	+++OrdrRef	Order Reference	1	1					
OrderStatus	+++OrdrSts								
Status	++++Sts	Accepted: PACK	1	1					
NewDetails	+++NewDtls>								
ExpectedTradeDateTime	++++XpctdTradDtTm								
DateTime	++++DtTm	Expected Trade Date	1	1					
ExpectedCashSettlementDate	++++XpctdCshSttlmDt	Expected Settlement Date	0	1					
Or (Redemption or Subscription Rejected)		Or							
IndividualOrderDetailsReport	++IndvOrdrDtlsRpt								
OrderReference	+++OrdrRef	Order Reference	1	1					
OrderStatus	+++OrdrSts								
Rejected	++++Rjctd								
Reason	++++Rsn								
Code	++++Cd	Rejected Reason Code	1	1					
AdditionalInformation	++++AddtlInf	Rejection Additional Info.	0	1					
Or (Redemption or Subscription Cancelled)		Or							
IndividualOrderDetailsReport	++IndvOrdrDtlsRpt								
OrderReference	+++OrdrRef	Order Reference	1	1					
OrderStatus	+++OrdrSts								
Cancelled	++++Canc								
Reason	++++Rsn		0	1					
Either		Either							
Code	++++Cd	Set to 'CANP'	1	1					
Or		Or							
NoSpecifiedReason	++++NoSpcfdRsn	Set to NORE – if the order was not cancelled by the instructing party (CANP)	1	1					
AdditionalInformation	++++AddtlInf	Cancellation Additional Information	0	1					
Or (Switch Order Received)		Or							
SwitchOrderDetailsReport	++SwtchOrdrDtlsRpt								
OrderReference	+++OrdrRef	Order Reference	1	1					
OrderStatus	+++OrdrSts								
Status	++++Sts	Received: RECE	1	1					

<i>Or (Switch Order Accepted)</i>			<i>Or</i>		
	SwitchOrderDetailsReport	++SwtchOrdrDtlsRpt			
	OrderReference	+++OrdrRef	Order Reference	1	1
	OrderStatus	+++OrdrSts			
	Status	+++Sts	Accepted: PACK	1	1
	NewDetails	+++NewDtls			
	ExpectedTradeDateTime	++++XpctdTradDtTm			
	DateTime	++++DtTm	Expected Trade Date	1	1
	ExpectedCashSettlementDate	++++XpctdCshSttlmDt	Expected Settlement Date	0	1
<i>Or (Switch Order Rejected)</i>			<i>Or</i>		
	SwitchOrderDetailsReport	++SwtchOrdrDtlsRpt			
	OrderReference	+++OrdrRef	Order Reference	1	1
	OrderStatus	+++OrdrSts			
	Rejected	++++Rjctd			
	Reason	++++Rsn			
	Code	++++Cd	Rejected Reason Code	1	1
	AdditionalInformation	++++Addtllnf	Rejected Additional Info	0	1
	LegInformation	+++LeglInf	Switch Leg Rejection	0	n
	LegIdentification	++++Legld			
	<i>Either</i>		<i>Either</i>		
	RedemptionLegIdentification	++++RedLegld	Redemption Leg ID	1	1
	<i>Or</i>		<i>Or</i>		
	SubscriptionLegIdentification	++++SbcptLegld	Subscription Leg ID	1	1
	LegRejectionReason	++++LegRjctnRsn	Rejection Reason	0	1
<i>Or (Switch Order Cancelled)</i>			<i>Or</i>		
	SwitchOrderDetailsReport	++SwtchOrdrDtlsRpt			
	OrderReference	+++OrdrRef	Order Reference	1	1
	OrderStatus	+++OrdrSts			
	Cancelled	++++Canc			
	Reason	++++Rsn			
	<i>Either</i>				
	Code	++++Cd	Set to 'CANP'	1	1
	<i>Or</i>				
	NoSpecifiedReason	++++NoSpctdRsn	Set to NORE – if the order was not cancelled by the instructing party (CANP)	1	1
	AdditionalInformation	++++Addtllnf	Cancellation Additional Information	0	1

ViaNova Subscription Order Cancellation Request Message

ISO 20022

ViaNova Order Cancellation Request

setr.011.001.04 SubscriptionOrderCancellationRequestVo4

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SubscriptionOrderCancellationRequestVo4	SbcptOrdrCxlReq		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
PreviousReference	+PrvsRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
OrderReferences	+OrdrRefs			
OrderReference	++OrdrRef	Order Reference	1	1

ViaNova Redemption Order Cancellation Request Message

ISO 20022

ViaNova Order Cancellation Request

setr.005.001.04 RedemptionOrderCancellationRequestVo4

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
RedemptionOrderCancellationRequestVo4	RedOrdrCxlReq		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
PreviousReference	+PrvsRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
OrderReferences	+OrdrRefs			
OrderReference	++OrdrRef	Order Reference	1	1

ViaNova Switch Order Cancellation Request Message

ISO 20022

ViaNova Order Cancellation Request

setr.014.001.04 SwitchOrderCancellationRequestVo4

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SwitchOrderCancellationRequestVo4	SwchOrdxCxlReq		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
PreviousReference	+PrvsRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
OrderReferences	+OrdrRefs			
OrderReference	++OrdrRef	Order Reference	1	1

ViaNova Order Cancellation Status Message

ISO 20022

ViaNova Order Cancellation Status

setr.017.001.04 OrderCancellationStatusReportVo4

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
OrderCancellationStatusReportVo4	OrdrCxlStsRpt		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
Reference	+Ref		0	1
RelatedReference	++RltdRef		1	1
Reference	+++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
StatusReport	+StsRpt		1	1
Either (Cancellation Accepted or Pending)		Either		
IndividualCancellationStatusReport	++IndvCxlStsRpt		1	1
OrderReference	+++OrdrRef	Order Reference	1	1
CancellationStatus	+++CxlSts		1	1
Status	++++Sts	Accepted = 'CAND' Pending = 'CANP'	1	1
Or (Cancellation Rejected)				
IndividualCancellationStatusReport	++IndvCxlStsRpt		1	1
OrderReference	+++OrdrRef	Order Reference	1	1
CancellationStatus	+++CxlSts		1	1
Rejected	++++Rjctd		1	1
Reason	+++++Rsn		0	1
Code	+++++Cd	Missed cutoff = 'CUTO' Not allowed to cancel = 'NALC' Not compliant with SLA = 'NSLA' Legally Impossible = 'LEGL'	1	1
AdditionalInformation	+++++AddtlInf	Extended Cancellation Reason	0	1

ViaNova Subscription Order Confirmation

ISO 20022 setr.012.001.04 SubscriptionOrderConfirmationVo4

ViaNova Subscription Order Confirmation

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SubscriptionOrderConfirmationVo4	SbcptOrdrConf		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
RelatedReference	+RltdRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
MultipleExecutionDetails	+MltplExctnDtls		1	1
InvestmentAccountDetails	++InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++AcctId	Account ID	1	1
IndividualExecutionDetails	++IndvExctnDtls		0	n
OrderReference	+++OrdrRef	Order Reference	1	1
DealReference	+++DealRef	Deal Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	Either		
ISIN	+++++ISIN	ISIN	1	1
Or				
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
IdentificationSource	+++++IdSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
SubAccountForHolding	+++SubAcctForHldg			
Id	++++Id	Sub Account Id	0	1
UnitsNumber	+++UnitsNb	Unit Quantity	1	1
Either				
NetAmount	+++NetAmt	Cash Value Amount	1	1
Currency Attribute	Currency Attribute	Cash Value Currency Code	1	1
Or				
GrossAmount	+++GrssAmt	Cash Value Amount		
Currency Attribute	Currency Attribute	Cash Value Currency Code		
TradeDateTime	+++TradDtTm			
DateTime	++++DtTm	Trade Date and Time	1	1
DealingPriceDetails	++++DealgPricDtls	Unit Price	1	1
Type	++++Tp			
Code	+++++Cd	Price Type	1	1
Value	+++++Val			
Amount	+++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
SettlementAmount	++++SttlmAmt	Cash Value Amount (again)	1	1
Currency Attribute	Currency Attribute	Cash Value Currency Code (again)	1	1
PartiallyExecutedIndicator	++++PrtlyExctdInd	Set to false	1	1
CumDividendIndicator	++++CumDvddInd	Set to false	1	1
ForeignExchangeDetails	++++FXDtls	Foreign Exchange	0	1
ToAmount	+++++ToAmt	Subscription Amount (Fund Base Currency) The output of the FX for investment in the fund	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
FromAmount	+++++FrAmt	Cash Value Amount (again)	0	1
Currency Attribute	Currency Attribute	Cash Value Currency Code (again)	0	1
UnitCurrency	+++++UnitCcy	Currency in which exchange rate is expressed. Fund base Currency? Is this right?	1	1

		QuotedCurrency	+++++QtdCcy	Currency into which the currency is converted. Order Currency? Is this right? I think we are converting TO the fund base currency.	1	1
		ExchangeRate	+++++XchgRate	Exchange Rate	1	1
		PhysicalDeliveryIndicator	++++PhysDlvryInd	Set to false	1	1

ViaNova Redemption Order Confirmation

ISO 20022

setr.006.001.04 RedemptionOrderConfirmationVo4

ViaNova Redemption Order Confirmation

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
RedemptionOrderConfirmationVo4	RedOrdrConf		1	1
MessageIdentification	+Msgld		1	1
Identification	++ld	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
RelatedReference	+RltdRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
MultipleExecutionDetails	+MltplExctnDtls		1	1
InvestmentAccountDetails	++InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++Acctld	Account ID	1	1
IndividualExecutionDetails	++IndvExctnDtls		0	n
OrderReference	+++OrdrRef	Order Reference	1	1
DealReference	+++DealRef	Deal Reference	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++ld	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryld			
Identification	+++++ld	Proprietary Identifier	1	1
IdentificationSource	+++++ldSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
SubAccountForHolding	+++SubAcctForHldg			
Identification	++++ld	Sub Account ID	0	1
UnitsNumber	+++UnitsNb	Unit Quantity	1	1
Either				
NetAmount	+++NetAmt	Cash Value Amount	1	1
Currency Attribute	Currency Attribute	Cash Amount Currency Code	1	1
Or				
GrossAmount	+++GrssAmt	Cash Value Amount		
Currency Attribute	Currency Attribute	Cash Amount Currency Code		
TradeDateTime	+++TradDtTm			
DateTime	++++DtTm	Trade Date	1	1
DealingPriceDetails	+++DealgPricDtls	Unit Price	1	1
Type	++++Tp	Price Type	1	1
Value	++++Val			
Amount	+++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
SettlementAmount	+++SttlmAmt	Cash Value Amount	1	1
Currency Attribute	Currency Attribute	Cash Value Currency Code	1	1
CashSettlementDate	+++CshSttlmDt	Cash Settlement Date	0	1
PartiallyExecutedIndicator	+++PrtlyExctdInd	Set to false	1	1
CumDividendIndicator	+++CumDvddInd	Set to false	1	1
ForeignExchangeDetails	+++FXDtls	Foreign Exchange	0	1

			ToAmount	++++ToAmt	Encashment amount (Cash) in order currency	1	1
			FromAmount	++++FrAmt	Encashment amount (Cash) in base currency	1	1
			UnitCurrency	+++UnitCcy	Fund Base Currency	1	1
			QuotedCurrency	++++QtdCcy	Order Currency	1	1
			ExchangeRate	++++XchgRate	Exchange Rate	1	1
			PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
			RequestedSettlementCurrency	+++ReqdSttlmCcy	Requested Currency	0	1
			TotalSettlementAmount	++TtlSttlmAmt	Cash Settlement Value Amount	0	1
			Currency Attribute	Currency Attribute	Currency Code	1	1
			BulkCashSettlementDetails	++BlkCshSttlmDtls	Cash Settlement	0	1
			PaymentInstrument	+++PmtInstrm			
			CreditTransferDetails	++++CdtTrfDtls			
			Reference	+++++Ref	Reference	1	1
			DebtorAccount	+++++DbtrAcct			
			Identification	+++++Id	Source Bank Account	0	1
			IBAN	+++++IBAN	Account Identifier	1	1
			DebtorAgent	+++++DbtrAgt			
			Party	+++++Pty			
			BICFI	+++++BICFI	Bank BIC	1	1
			CreditorAgent	+++++CdtrAgt	Target Bank Account	1	1
			Party	+++++Pty			
			BICFI	+++++BICFI	Bank BIC	1	1
			CreditorAccount	+++++CdtrAcct			
			Identification	+++++Id			
			IBAN	+++++IBAN	Account Identifier	1	1

ViaNova Switch Order Confirmation

ISO 20022

setr.015.001.04 SwitchOrderConfirmationVo4

ViaNova Redemption Order Confirmation

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
SwitchOrderConfirmationVo4	SwchOrdRConf		1	1
MessageIdentification	+Msgld		1	1
Identification	++Id	System generated	1	1
CreationDateTime	++CreDtTm	System generated	1	1
RelatedReference	+RltdRef		1	1
Reference	++Ref	The message reference of the order message in which the order we are referring to was contained. System generated.	1	1
SwitchExecutionDetails	+SwchExctnDtls		1	1
DealReference	++DealRef	Deal Reference	1	1
OrderReference	++OrdRRef	Order Reference	1	1
InvestmentAccountDetails	++ InvstmtAcctDtls	Investment Account	1	1
AccountIdentification	+++AcctId	Account ID	1	1
RedemptionLegDetails	++RedLegDtls	Redemption Leg Confirmation	1	n
LegIdentification	+++LegId	Leg Identifier	1	1
LegExecutionIdentification	+++LegExctnId	Leg Execution Identifier	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
IdentificationSource	+++++IdSrc			
Proprietary	+++++Prtry	Identifier Source	1	1
UnitsNumber	+++UnitsNb	Unit Quantity	1	1
HoldingsRedemptionRate	+++HldgsRedRate	Percentage	0	1
Either				
NetAmount	+++NetAmt	Cash Value Amount	1	1
Currency Attribute	Currency Attribute	Cash Value Currency Code	1	1
Or				
GrossAmount	+++GrssAmt	Cash Value Amount		
Currency Attribute	Currency Attribute	Cash Value Currency Code		
InvestmentAccountDetails	+++InvstmtAcctDtls	Investment Account	0	1
AccountIdentification	++++AcctId	Account ID	1	1
SubAccountDetails	++++SubAcctDtls			
Identification	+++++Id	Sub Account ID	1	1
TradeDateTime	+++TradDtTm			
DateTime	++++DtTm	Trade Date	1	1
PriceDetails	+++PricDtls	Unit Price	1	1
Type	++++Tp			
Code	+++++Cd	Price Type	1	1
Value	++++Val			
Amount	+++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
CumDividendIndicator	+++CumDvddInd	Set to false	1	1
PhysicalDeliveryIndicator	+++PhysDlvryInd	Set to false	1	1
SubscriptionLegDetails	++SbcptLegDtls	Subscription Leg Confirmation	1	n
LegIdentification	+++LegId	Leg Identifier	1	1
LegExecutionIdentification	+++LegExctnId	Leg Execution Identifier	1	1
FinancialInstrumentDetails	+++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	++++Id	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
OtherProprietaryIdentification	+++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1

Messages with schemas unchanged in the 2017 release

These messages and their mappings are unchanged in the ISO 20022 2017 release, but are included here for completeness.

ViaNova Price Report

ISO 20022

Price Report Vo4 (reda.001.001.04)

ViaNova Price Report

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
Price Report Vo4	PricRpt		1	1
Message Identification	+MsgId		1	1
Identification	++Id	<i>System generated</i>	1	1
Creation Date Time	++CreDtTm	<i>System generated</i>	1	1
Message Pagination	+MsgPgntn		1	1
Page Number	++PgNb	<i>System generated</i>	1	1
Last Page Indicator	++LastPgInd	<i>System generated</i>	1	1
Price Report Identification	+PricRptId	Price Report Reference	1	1
Function	+Fctn	Report Function	1	1
Price Valuation Details	+PricValtnDtls	Price Valuations	1	n
Identification	++Id	Price Reference	1	1
NAV Date Time	++NAVDtTm			
Date Time	+++DtTm	Valuation Date and Time	1	1
Financial Instrument Details	++FinInstrmDtls	Financial Instrument Identifier	1	1
Identification	+++Id	<i>Either</i>		
ISIN	++++ISIN	ISIN	1	1
<i>Or</i>		<i>Or</i>		
Other Proprietary Identification	++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
Proprietary Identification Source	+++++PrtryIdSrc	Identifier Source	1	1
Dual Fund Indicator	+++DualFndInd	Set to true	1	1
Valuation Type	++ValtnTp	Set to 'USUA'	1	1
Official Valuation Indicator	++OffclValtnInd	Set to true	1	1
Suspended Indicator	++SspdInd	Set to false	1	1
Price Details	++PricDtls	Price Details	1	n
Type	+++Tp	Price Type	1	1
Value in Investment Currency	+++VallnInvstmtCcy	Base Currency Price	1	1
Amount	++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
Value in Alternative Currency	+++VallnAltrntvCcy	Alternative Currency Price	0	1
Amount	++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1
For Execution Indicator	++ForExctnInd	Set to false	1	1
Cum Dividend Indicator	++CumDvddInd	Set to false	1	1
Estimated Price Indicator	++EstmtdPricInd	Set to false	1	1

ViaNova Holdings Report

ISO 20022

ViaNova Holdings Report

Custody Statement of Holdings Vo2 (semt.002.001.02)

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
Custody Statement of Holdings Vo2	CtdyStmntOfHldgsVo2		1	1
Message Identification	+Msgld		1	1
Identification	++ld	System generated	1	1
Creation Date Time	++CreDtTm	System generated	1	1
Message Pagination	+MsgPgntn		1	1
Page Number	++PgNb	System generated	1	1
Last Page Indicator	++LastPgInd	System generated	1	1
Statement General Details	+StmntGnlDtls			
Reference	++Ref	Holdings Report Reference	1	1
Statement Date Time	++StmntDtTm			
Date Time	+++DtTm	Statement Date	1	1
Creation Date Time	++CreDtTm			
Date Time	+++DtTm	Creation Date	1	1
Frequency	++Frqcy		1	1
Frequency as Code	+++FrqcyAsCd	DAIL = Daily MNTN = Monthly QUTR = Quarterly	1	1
Update Type	++UpdTp			
Statement Update Type as Code	+++StmntUpdTpAsCd	Set to 'COMP' (Complete)	1	1
Activity Indicator	++ActvtyInd	Set to true	1	1
Statement Basis	++StmntBsis			
Statement Basis as Code	+++StmntBsisAsCd	Set to 'TRAD'	1	1
Account Details	+AcctDtls			
Identification	++ld			
Simple Identification	+++Smplld			
Proprietary	++++Prtry			
Identification	+++++ld	Account Identifier	1	1
Fungible Indicator	++Fngblnd	Set to true	1	1
Sub Account Details	+SubAcctDtls	Sub Account Balance	1	n
Identification	++ld			
Simple Identification	+++Smplld			
Proprietary	++++Prtry			
Identification	+++++ld	Sub Account Identifier		
Fungible Indicator	++Fngblnd	Set to true		
Activity Indicator	++ActvtyInd	Set to true		
Balance for Sub Account	++BalForSubAcct	Balance		
Aggregate Quantity	+++AggtQty			
Quantity	++++Qty			
Unit	+++++Unit	Aggregate Quantity Units	1	1
Holding Value	+++HldgVal	Holding Value Amount	0	1
Currency Attribute	Currency Attribute	Currency Code	1	1
Financial Instrument Details	+++FinInstrmDtls	Financial Instrument	1	1
Identification	++++ld	Either		
ISIN	+++++ISIN	ISIN	1	1
Or		Or		
Other Proprietary Identification	+++++OthrPrtryld			
Identification	++++++ld	Proprietary Identifier	1	1
Proprietary Identification Source	++++++PrtryldSrc	Identifier Source	1	1
Price Details	+++PricDtls	Price	0	1
Value	++++Val			
Amount	+++++Amt	Amount	1	1
Currency Attribute	Currency Attribute	Currency Code	1	1

	Type	++++Tp	Price Type	1	1
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ViaNova Transaction Statement

ISO 20022

Statement of Investment Fund Transactions Vo2

(semt.006.001.02)

ViaNova Transaction Statement

ISO 20022 Tag Description	Tag	ViaNova Data Item	Min	Max
Statement of Investment Fund Transactions Vo2	StmntOfInvstmtFndTx sVo2		1	1
Message Identification	+Msgld		1	1
Identification	++Id	System generated	1	1
Creation Date Time	++CreDtTm	System generated	1	1
Message Pagination	+MsgPgntn		1	1
Page Number	++PgNb	System generated	1	1
Last Page Indicator	++LastPgInd	System generated	1	1
Statement General Details	+StmtGnlDtls		1	1
Reference	++Ref	Transaction Statement Reference	1	1
Statement Period	++StmtPrd	Statement Period	1	1
From Date	+++FrDt	From Date	1	1
To Date	+++ToDt	To Date	1	1
Creation Date Time	++CreDtTm			
Date Time	+++DtTm	Creation DateTime	1	1
Update Type	++UpdTp	Set to 'COMP'	1	1
Activity Indicator	++ActvtyInd	Set to true	1	1
Investment Account Details	+InvstmtAcctDtls			
Identification	++Id			
Proprietary	+++Prtry			
Identification	++++Id	Account Identifier	1	1
Sub Account Details	+SubAcctDtls	Sub Account Balance	1	n
Identification	++Id			
Simple Identification	+++SmplId			
Proprietary	++++Prtry			
Identification	+++++Id	Sub Account Identifier	1	1
Activity Indicator	++ActvtyInd	Set to true	1	1
Transaction on Sub Account	++TxOnSubAcct	Transactions	1	n
Identification	+++Id	Financial Instrument	1	1
ISIN	++++ISIN	ISIN	1	1
Or		Or		
Other Proprietary Identification	++++OthrPrtryId			
Identification	+++++Id	Proprietary Identifier	1	1
Proprietary Identification Source	+++++PrtryIdSrc	Identifier Source	1	1
Transaction Details	+++TxDtls			
Either				
Transaction Type	++++TxTp	Transaction Type	1	1
		Redemption: REDM		
		Subscription: SUBS		
		Switch In: SWII		
		Switch Out: SWIO		
Or				
Extended Transaction Type	++++XtndedTxTp	Transaction Type	1	1
		Extended Type: FEES		
Order Reference	++++OrdrRef	Order Reference	0	1
Deal Reference	++++DealRef	Deal Reference	0	1
Leg Identification	++++LegId	Switch Leg Reference	0	1
Leg Execution Identification	++++LegExctnId	Switch Leg Execution Reference	0	1

		Settled Transaction Indicator	++++SttldTxInd	Set to true	1	1
		Registered Transaction Indicator	++++RegdTxInd	Set to true	1	1
		Units Quantity	++++UnitsQty		1	1
		Unit	++++Unit	Units	1	1
		Credit Debit	++++CdtDbt		1	1
		Settlement Amount	++++SttlmAmt	Cash Amount	0	1
		Currency Attribute	Currency Attribute	Currency Attribute	1	1
		Trade Date Time	++++TradDtTm			
		Date Time	++++DtTm	Valuation DateTime	1	1
		Cum Dividend Indicator	++++CumDvddInd	Set to false	1	1
		Partially Executed Indicator	++++PrtlyExctdInd	Set to false	1	1
		Price Details	++++PricDtls	Price	0	1
		Type	++++Tp	Type	1	1
		Value	++++Val			
		Amount	+++++Amt	Amount	1	1
		Currency Attribute	Currency Attribute	Currency Code	1	1

Example Messages

Subscription order using ISIN codes

Previously ViaNova 5.00 page 29

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.010.001.04" > <SbcptOrdr> <MsgId> <Id>VNA05.00XML01.01</Id> <CreDtTm>2017-02-13T11:00:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnits> <UnitsNb>3000.00</UnitsNb> </AmtOrUnits> <CshSttlmDt>2017-03-01</CshSttlmDt> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>>ORDERREF (2) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>>ISINCODE0002</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <AmtOrUnits> <UnitsNb>500</UnitsNb> </AmtOrUnits> <CshSttlmDt>2017-03-01</CshSttlmDt> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct></pre>	<p>Subscription Order using ISIN codes</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory.</p> <p>This message contains the details of two orders. Financial instruments are identified using ISIN codes. The orders in this message are denominated in units. Order references can be up to 16 characters long.</p> <p>In setr.010.001.04 cash settlement date is stated against each order rather than at the bulk order level</p>
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<pre> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> <TtlSttlmAmt Ccy="GBP">75000.00</TtlSttlmAmt> </MltplOrdrDtls> </SbcptOrdr> </Document> </pre>	
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Subscription order with proprietary fund identification

Previously ViaNova 5.00 page 30

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.010.001.04" > <SbcptOrdr> <MsgId> <Id>VNA05.00XML02.01</Id> <CreDtTm>2017-02-11T17:21:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id> PROPRIETARYID1</Id> <IdSrc> <Prtry>ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnits> <NetAmt Ccy="GBP">150000.00</NetAmt> </AmtOrUnits> <CshSttlmDt>2017-03-01</CshSttlmDt> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (2) XXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYID2</Id> <IdSrc> <Prtry>ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </pre>	<p>Subscription order with proprietary fund identification.</p> <p>The message reference can be up to 16 characters long. The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory.</p> <p>This message contains two orders. The order references can be up to 16 characters long.</p> <p>The financial instruments are identified using proprietary codes.</p> <p>Both the orders in the message are denominated in cash.</p>
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<pre> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <AmtOrUnits> <NetAmt Ccy="GBP">200000.00</NetAmt> </AmtOrUnits> <CshSttlmDt>2017-03-01</CshSttlmDt> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> <TtlSttlmAmt Ccy="GBP">350000.00</TtlSttlmAmt> </MltplOrdrDtls> </SbcptOrdr> </Document> </pre>	<p>Bulk cash settlement details are included including a settlement date, stated against each order, and a payment reference and details of the payment target account at the product provider.</p>
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Trans-currency subscription order

Previously ViaNova 5.00 page 31

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:2022:tech:xsd:setr.010.001.04" > <SbcptOrdr> <MsgId> <Id>VNA05.00XML03.01</Id> <CreDtTm>2017-12-31T12:00:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYID1</Id> <IdSrc> <Prtry>ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </pre>	<p>Trans currency subscription order</p> <p>Message and order references can be up to 16 characters long.</p> <p>This order can be considered a trans currency case since the net amount</p>
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<pre> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnits> <NetAmt Ccy="GBP">300000.00</NetAmt> </AmtOrUnits> <CshSttlmDt>2017-07-12</CshSttlmDt> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <Pty> <BICFI>BANKUS2TGT</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </SbcptOrdr> </Document> </pre>	<p>of the order and its associated settlement amount are denominated in a currency (USD) other than the fund base currency (GBP).</p> <p>The settlement bank account is a USD account.</p>
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Order instruction status report accepting two orders

Previously ViaNova 5.00 page 32

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04" > <OrdrInstrStsRpt> <MsgId> <Id>VNA05.03XML04.0</Id> <CreDtTm>2017-06-30T11:30:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2017-06 01 </XpctdCshSttlmDt> </NewDtls> </IndvOrdrDtlsRpt> </StsRpt> </OrdrInstrStsRpt> </Document> </pre>	<p>Order instruction status report accepting two orders</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory. The message identifies the original order message in the related reference element sequence.</p> <p>The message gives the status of two orders. Each order is identified by order reference. The expected</p>
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<pre> </IndvOrdrDtlsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2017-06-01 </XpctdCshSttlmDt> </NewDtls> </IndvOrdrDtlsRpt> </StsRpt> </OrdrInstrStsRpt> </Document> </pre>	<p>trade and settlement date for each deal is included.</p>
--	---

Order instruction status report accepting one order and rejecting another

Previously ViaNova 5.00 page 33

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04" > <OrdrInstrStsRpt> <MsgId> <Id>VNA05.03XML05.0</Id> <CreDtTm>2017-12-31T12:00:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <DtTm>2017-02-15T12:00:00</DtTm> </XpctdTradDtTm> </NewDtls> </IndvOrdrDtlsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <OrdrSts> <Rjctd> <Rsn>NSLA</Rsn> <AddtlInf>The sub account is not related to the investment account</AddtlInf> </Rjctd> </OrdrSts> </IndvOrdrDtlsRpt> </StsRpt> </OrdrInstrStsRpt> </Document> </pre>	<p>Order instruction status report accepting one order and rejecting another</p> <p>The message reference should be unique across all messages from a particular sender can be up to 16 characters long.</p> <p>The creation datetime is mandatory. The message identifies the original order message in the related reference element sequence.</p> <p>The message gives the status of two orders. Each order is identified by order reference.</p> <p>The second order is rejected and additional information is supplied in addition to the order rejection reason code</p>
---	---

Subscription order cancellation request using order and message references

Previously ViaNova 5.00 page 34

```
<?xml version="1.0" encoding="UTF-8"?>
<Document
xmlns="urn:iso:std:iso:20022:tech:xsd:setr.011.001.04" >
  <SbcptOrdrCxlReq>
    <MsgId>
      <Id>VNA05.03XML06.01</Id>
      <CreDtTm>2017-11-02T17:14:00</CreDtTm>
    </MsgId>
    <PrvsRef>
      <Ref>ORDERMSGREFXXXXXX</Ref>
    </PrvsRef>
    <OrdrRefs>
      <OrdrRef>ORDERREFERENCEXX</OrdrRef>
    </OrdrRefs>
  </SbcptOrdrCxlReq>
</Document>
```

Subscription order cancellation request using order and message references

The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.

The creation datetime is mandatory.

This message quotes both the reference of the order to cancel and the message reference of the original order message. The cancellation by reference sequence `<p:OrdrRefs>` allows for more than one order in a previous order message to be requested to be cancelled.

Quoting the order message reference ensures backwards compatibility with previous versions of this market practice

Order cancellation status report accepting a cancellation by order reference

Previously ViaNova 5.00 page 34

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.017.001.04" > <OrdrCxlStsRpt> <MsgId> <Id>VNA05.03XML08.01</Id> <CreDtTm>2008-02-14T11:31:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREF</Ref> </RltdRef> </Ref> <StsRpt> <IndvCxlStsRpt> <OrdrRef>ORDERREF (2) XXXX</OrdrRef> <CxlSts> <Sts>CAND</Sts> </CxlSts> </IndvCxlStsRpt> </StsRpt> </OrdrCxlStsRpt> </Document></pre>	<p>Order cancellation status report accepting a cancellation using the order reference</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory. This message is giving the status of a previously requested cancellation.</p> <p>The order reference is quoted</p>
--	---

Order cancellation status report accepting one cancellation and rejecting another by order reference

Previously ViaNova 5.00 page 35

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.017.001.04" > <OrdrCxlStsRpt> <MsgId> <Id>VNA05.03XML09.01</Id> <CreDtTm>2017-02-14T11:31:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <IndvCxlStsRpt> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <CxlSts> <Sts>CAND</Sts> </CxlSts> </IndvCxlStsRpt> </StsRpt> </OrdrCxlStsRpt> </Document></pre>	<p>Order cancellation status report accepting one cancellation and rejecting another using order references</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. This message is giving the status of a previously requested cancellation using the order reference</p>
--	---

<pre> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <CxlSts> <Rjctd> <Rsn> <Cd>CUTO</Cd> </Rsn> </Rjctd> </CxlSts> </IndvCxlStsRpt> </StsRpt> </OrdrCxlStsRpt> </Document> </pre>	<p>The first cancellation has succeeded but the second has failed.</p>
---	--

Subscription order confirmation

Previously ViaNova 5.00 page 35

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04" > <SbcptOrdrConf> <MsgId> <Id>VNA05.03XML10.01</Id> <CreDtTm>2001-12-31T12:00:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYID1</Id> <IdSrc> <Prtry>ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <UnitsNb>10000.00</UnitsNb> <NetAmt Ccy="GBP">150000.00</NetAmt> <TradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="GBP">15.00</Amt> </Val> </pre>	<p>Subscription order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory. The related reference refers to the original order message which contained the orders confirmed by this message. This confirmation message confirms the actions of two orders. In this case the confirmation includes details for all the orders in the original order, but this may not always be the case.</p> <p>The orders contained in an original order message may be confirmed in more than one order confirmation message. The order net amount is copied into the mandatory settlement amount element</p>
---	--

<pre> </DealgPricDtls> <SttlmAmt Ccy="GBP">150000.00</SttlmAmt> <PrtlyExctdInd>>false</PrtlyExctdInd> <CumDvddInd>>false</CumDvddInd> <PhysDlvryInd>>false</PhysDlvryInd> </IndvExctnDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYID2</Id> <IdSrc> <Prtry>ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <UnitsNb>50000.00</UnitsNb> <NetAmt Ccy="GBP">200000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="GBP">4.00</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">200000.00</SttlmAmt> <PrtlyExctdInd>>false</PrtlyExctdInd> <CumDvddInd>>false</CumDvddInd> <PhysDlvryInd>>false</PhysDlvryInd> </IndvExctnDtls> </MltplExctnDtls> </SbcptOrdrConf> </Document> </pre>	<p>The order net amount is copied into the mandatory settlement amount element</p>
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Trans-currency subscription order confirmation

Previously ViaNova 5.00 page 36

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.012.001.04" > <SbcptOrdConf> <MsgId> <Id>VNA05.03XML11.02</Id> <CreDtTm>2017-06-30T11:45:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdRef>ORDERREF (1)XXXX</OrdRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYID1</Id> <IdSrc> <Prtry>PROPRIETARY ID SOURCE</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <UnitsNb>200000.00</UnitsNb> <NetAmt Ccy="GBP">150000.00</NetAmt> <TradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="USD">1.50</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">1500000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <FXDtls> <ToAmt Ccy="USD">300000.00</ToAmt> <FrAmt Ccy="GBP">150000.00</FrAmt> <UnitCcy>GBP</UnitCcy> <QtdCcy>USD</QtdCcy> <XchgRate>2.00</XchgRate> </FXDtls> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> </MltplExctnDtls> </SbcptOrdConf> </Document> </pre>	<p>Trans currency subscription order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The confirmation identifies the order message it is confirming in the related reference</p> <p>The original order for this message had net amounts denominated in GBP for subscription into two funds with a base currency of USD and EUR respectively.</p> <p>The confirmation confirms the net amounts back in GBP and then uses the foreign exchange details to show the actual base currency amount that was invested.</p> <p>The price is provided in the fund base currency. The "ToAmt" element shows the base currency amount which was raised with the USD amount in the "FrAmt".</p> <p>The Exchange rate is the amount of the quoted currency <QtdCcy> required to buy one unit in the unit currency <UnitCcy>.</p>
--	---

```

<OrdrRef>ORDERREF (2) XXXXX</OrdrRef>
<DealRef>DEAL REFERENCE (2)</DealRef>
<FinInstrmDtls>
  <Id>
    <OthrPrtryId>
      <Id>PROPRIETARYID2</Id>
      <IdSrc>
        <Prtry>ID SOURCE</Prtry>
      </IdSrc>
    </OthrPrtryId>
  </Id>
</FinInstrmDtls>
<SubAcctForHldg>
  <Id>INVESTMENT SUB ACCOUNT (2)</Id>
</SubAcctForHldg>
<UnitsNb>78786.67</UnitsNb>
<NetAmt Ccy="GBP">200000.00</NetAmt>
<TradDtTm>
  <DtTm>2017-07-01T00:00:00</DtTm>
</TradDtTm>
<DealgPricDtls>
  <Tp>
    <Cd>SWNG</Cd>
  </Tp>
  <Val>
    <Amt Ccy="EUR">3.75</Amt>
  </Val>
</DealgPricDtls>
<SttlmAmt Ccy="GBP">200000.00</SttlmAmt>
<PrtlyExctdInd>>false</PrtlyExctdInd>
<CumDvddInd>>false</CumDvddInd>
<FXDtls>
  <ToAmt Ccy="EUR">295450.00</ToAmt>
  <FrAmt Ccy="GBP">200000.00</FrAmt>
  <UnitCcy>GBP</UnitCcy>
  <QtdCcy>EUR</QtdCcy>
  <XchgRate>1.47725</XchgRate>
</FXDtls>
  <PhysDlvryInd>>false</PhysDlvryInd>
</IndvExctnDtls>
</MltplExctnDtls>
</SbcptOrdrConf>
</Document>

```

Redemption Order using ISIN codes

Previously ViaNova 5.00 page 44

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.004.001.04" > <RedOrdr> <MsgId> <Id>VNA05.03XML12.01</Id> <CreDtTm>2017-06-30T11:20:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="GBP">125000.00</NetAmt> </AmtOrUnitsOrPctg> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0002</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="GBP">65000.00</NetAmt> </AmtOrUnitsOrPctg> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </RedOrdr> </Document> </pre>	<p>Redemption Order</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>This message contains the details of two orders.</p> <p>The funds are identifier by using an ISIN code. XML</p>
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<pre> </PmtInstrm> </BlkCshSttlnDtls> </MltplOrdrDtls> </RedOrdr> </Document> </pre>	
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Redemption order with proprietary fund identification

Previously ViaNova 5.00 page 45

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.004.001.04" > <RedOrdr> <MsgId> <Id>VNA05.03XML13.01</Id> <CreDtTm>2017-06-30T10:55:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION (1)</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="GBO">125000.00</NetAmt> </AmtOrUnitsOrPctg> <PhysDlvryInd>>false</PhysDlvryInd> </IndvOrdrDtls> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION (2)</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC2</Prtry> </IdSrc> </OthrPrtryId> </Id> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="GBP">65000.00</NetAmt> </AmtOrUnitsOrPctg> </pre>	<p>Redemption order with proprietary fund identification</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory.</p> <p>This order contains two orders. The order references are limited to 16 characters and are unique across all order types. The financial instruments are identified with proprietary codes. The new Sub Account sequence is used to identify the investment sub account.</p>
---	---

<pre> <PhysDlvryInd>false</PhysDlvryInd> </IndvOrdrDtls> <BlkCshSttlnDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlnDtls> </MltplOrdrDtls> </RedOrdr> </Document> </pre>	<p>The bulk cash settlement details contain a cash settlement reference and account identifier which can be used to bulk up settlement across multiple messages.</p>
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Trans currency redemption order

Previously ViaNova 5.00 page 46

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.004.001.04" > <RedOrdr> <MsgId> <Id>VNA05.03XML14.01</Id> <CreDtTm>2017-06-30T11:20:00</CreDtTm> </MsgId> <MltplOrdrDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (1) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="USD">137000.00</NetAmt> </AmtOrUnitsOrPctg> <PhysDlvryInd>false</PhysDlvryInd> <ReqdSttlnCcy>GBP</ReqdSttlnCcy> </IndvOrdrDtls> <IndvOrdrDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <FinInstrmDtls> <Id> <ISIN>ISINCODE0002</ISIN> </Id> </FinInstrmDtls> </IndvOrdrDtls> </MltplOrdrDtls> </RedOrdr> </Document> </pre>	<p>Trans currency redemption order</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory.</p> <p>Order references can be up to 16 characters long.</p> <p>This is a multi-currency order. Redemption orders denominated in cash should always be stated in the currency of the underlying fund. In this example there are two redemption orders one denominated in USD and the other in EUR. The order specifies that the settlement currency for each order is GBP. This is a request for the Product Provider to do a foreign exchange transaction with the redemption proceeds.</p>
--	--

<pre> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctForHldg> <AmtOrUnitsOrPctg> <NetAmt Ccy="EUR">125000.00</NetAmt> </AmtOrUnitsOrPctg> <PhysDlvryInd>>false</PhysDlvryInd> <ReqdSttlmCcy>GBP</ReqdSttlmCcy> </IndvOrdrDtls> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplOrdrDtls> </RedOrdr> </Document> </pre>	
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Order instruction status report accepting two redemption orders

Previously ViaNova 5.00 page 47

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04" > <OrdrInstrStsRpt> <MsgId> <Id>VNA05.03XML15.01</Id> <CreDtTm>2017-06-30T11:30:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF(1)XXXXX</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2017-07-01</XpctdCshSttlmDt> </pre>	<p>Order instruction status report accepting two orders</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory. The message refers to the original order message in the related element sequence. The message gives the status of two orders. Each order is referred to by order reference. The expected trade and settlement date for each deal is included</p>
--	---

<pre></NewDtls> </IndvOrdrDtlsRpt> <IndvOrdrDtlsRpt> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </XpctdTradDtTm> <XpctdCshSttlmDt>2017-07-01</XpctdCshSttlmDt> </NewDtls> </IndvOrdrDtlsRpt> </StsRpt> </OrdrInstrStsRpt> </Document></pre>	
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Redemption order cancellation request using the order reference and the message reference

Previously ViaNova 5.00 page 48

```
<?xml version="1.0" encoding="UTF-8"?>
<Document
xmlns="urn:iso:std:iso:20022:tech:xsd:setr.005.001.04"
>
  <RedOrdrCxlReq>
    <MsgId>
      <Id>VNA05.03XML17.01</Id>
      <CreDtTm>2017-02-14T17:23:00</CreDtTm>
    </MsgId>
    <PrvsRef>
      <Ref>ORDERMESSAGEREFX</Ref>
    </PrvsRef>
    <OrdrRefs>
      <OrdrRef>ORDERREF (1) XXXX</OrdrRef>
    </OrdrRefs>
  </RedOrdrCxlReq>
</Document>
```

Redemption order cancellation request using the order reference and the message reference

The message reference should be unique across all messages from a particular sender and can be up to 16 characters long. The creation datetime is mandatory. The message refers to the original redemption order message in the previous reference sequence. Quoting the order message reference ensures backwards compatibility with previous versions of this market practice

The cancellation by reference sequence <CxlByRef> allows for more than one order in a previous order message to be requested to be cancelled.

Redemption order confirmation

Previously ViaNova 5.00 page 50

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.006.001.04"> <RedOrdrConf> <MsgId> <Id>VNA05.03XML21.01</Id> <CreDtTm>2017-12-31T12:00:00</CreDtTm> </MsgId> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (1) XXXX</OrdrRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION 1</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <UnitsNb>250000.00</UnitsNb> <NetAmt Ccy="GBP">125000.00</NetAmt> <TradDtTm> <DtTm>2017-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="GBP">2.00</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">125000.00</SttlmAmt> <PrtlyExctdInd>false</PrtlyExctdInd> <CumDvddInd>false</CumDvddInd> <PhysDlvryInd>false</PhysDlvryInd> </IndvExctnDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (2) XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (2)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION 2</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC2</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> </IndvExctnDtls> </MltplExctnDtls> </RedOrdrConf> </Document></pre>	<p>Redemption order confirmation</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory.</p> <p>The related reference field refers to the original order message. The message contains confirmation of one or more orders. The number of units, cash value and the price are included. If the original redemption was percentage driven the percentage can be confirmed here.</p> <p>The net encashment net is copied into the settlement amount element in each order</p> <p>An original order message that contains multiple orders may have the activity confirmed back in one or more confirmation messages. There is not a one to one correlation between order messages and confirmation messages.</p>
---	--

```

</Id>
</FinInstrmDtls>
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</SubAcctForHldg>
<UnitsNb>81250.00</UnitsNb>
<NetAmt Ccy="GBP">65000.00</NetAmt>
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  <DtTm>2017-07-01T00:00:00</DtTm>
</TradDtTm>
<DealgPricDtls>
  <Tp>
    <Cd>SWNG</Cd>
  </Tp>
  <Val>
    <Amt Ccy="GBP">0.80</Amt>
  </Val>
</DealgPricDtls>
<SttlmAmt Ccy="GBP">65000.00</SttlmAmt>
<CshSttlmDt>2017-07-01</CshSttlmDt>
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<CumDvddInd>>false</CumDvddInd>
<PhysDlvryInd>>false</PhysDlvryInd>
</IndvExctnDtls>
<TtlSttlmAmt Ccy="GBP">190000.00</TtlSttlmAmt>
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  <PmtInstrm>
    <CdtTrfDtls>
      <Ref>CASH SETTLEMENT REFERENCE</Ref>
      <DbtrAcct>
        <Id>
          <IBAN>AA99IBANSOURCE01</IBAN>
        </Id>
      </DbtrAcct>
      <DbtrAgt>
        <Pty>
          <BICFI>BANKGB2SRC1</BICFI>
        </Pty>
      </DbtrAgt>
      <CdtrAgt>
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        </Pty>
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        </Id>
      </CdtrAcct>
    </CdtTrfDtls>
  </PmtInstrm>
</BlkCshSttlmDtls>
</MltplExctnDtls>
</RedOrdrConf>
</Document>

```

The cash settlement date and reference are confirmed here, as are the details of the bank account to which the money will be paid. The product provider adds in the details of the account from which the payment will be made.
XML

Trans currency redemption order confirmation

Previously ViaNova 5.00 page 52

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.006.001.04"> <RedOrdrConf> <MsgId> <Id>VNA05.03XML22.01</Id> <CreDtTm>2017-07-01T07:56:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <MltplExctnDtls> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <IndvExctnDtls> <OrdrRef>ORDERREF (1)XXXXX</OrdrRef> <DealRef>DEAL REFERENCE (1)</DealRef> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <SubAcctForHldg> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctForHldg> <UnitsNb>8983.61</UnitsNb> <NetAmt Ccy="USD">137000.00</NetAmt> <TradDtTm> <DtTm>2007-07-01T00:00:00</DtTm> </TradDtTm> <DealgPricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="USD">15.25</Amt> </Val> </DealgPricDtls> <SttlmAmt Ccy="GBP">68500.00</SttlmAmt> <CshSttlmDt>2017-07-01</CshSttlmDt> <PrtlyExctdInd>>false</PrtlyExctdInd> <CumDvddInd>>false</CumDvddInd> <FXDtls> <ToAmt Ccy="GBP">68500.00</ToAmt> <FrAmt Ccy="USD">137000.00</FrAmt> <UnitCcy>USD</UnitCcy> <QtdCcy>GBP</QtdCcy> <XchgRate>0.5000</XchgRate> </FXDtls> <PhysDlvryInd>>false</PhysDlvryInd> <ReqdSttlmCcy>GBP</ReqdSttlmCcy> </pre>	<p>Trans currency redemption order confirmation</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory.</p> <p>The confirmation identifies the order message it is confirming in the related reference This message contains two orders. One for a fund with a base currency of USD the other with a base currency or EUR.</p> <p>The confirmation repeats back the original order details. The order on the USD fund has a net amount specified in USD, likewise the order on the EUR fund has a net amount in EUR.</p> <p>The confirmation shows the price that each order was executed in the fund base currency, it also features FX details to show how the proceeds of each order are then converted into the requested settlement currency (GBP).</p> <p>The settlement amount for each order is shown in GBP as requested. The total settlement amount is shown in GBP and is the total of the GBP settlement amount from each order</p> <p>In FX details the elements fulfil the following functions:</p> <p>ToAmt: The output value from the FX FrAmt: The input to the FX</p>
---	---

<pre> </IndvExctnDtls> <TtlSttlmAmt Ccy="GBP">112500.58</TtlSttlmAmt> <BlkCshSttlmDtls> <PmtInstrm> <CdtTrfDtls> <Ref>CASH SETTLEMENT REFERENCE</Ref> <DbtrAcct> <Id> <IBAN>AA99IBANSOURCE01</IBAN> </Id> </DbtrAcct> <DbtrAgt> <Pty> <BICFI>BANKGB2SRC1</BICFI> </Pty> </DbtrAgt> <CdtrAgt> <Pty> <BICFI>BANKGB2TGT1</BICFI> </Pty> </CdtrAgt> <CdtrAcct> <Id> <IBAN>AA99IBANTARGET01</IBAN> </Id> </CdtrAcct> </CdtTrfDtls> </PmtInstrm> </BlkCshSttlmDtls> </MltplExctnDtls> </RedOrdrConf> </Document> </pre>	<p>UnitCcy: The base ccy for the FX rate. i.e 1 UnitCcy = n QtdCcy QtdCcy: The quoted currency in the FX XchgRate: The exchange rate</p>
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Switch order with proprietary fund identification

Previously ViaNova 5.00 page 61

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.013.001.04" > <SwchOrdr> <MsgId> <Id>VNA05.03XML23.01</Id> <CreDtTm>2017-03-14T12:00:00</CreDtTm> </MsgId> <SwchOrdrDtls> <OrdrRef>SWITCH ORDER REFERENCE</OrdrRef> <InvstmtAcctDtls> <AcctId>PROPRIETARYIDENTIFICATION1</AcctId> </InvstmtAcctDtls> <RedLegDtls> <LegId>REDLEGID(1)XXXXX</LegId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <FinInstrmQtyChc> <NetAmt Ccy="GBP">10000</NetAmt> </FinInstrmQtyChc> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> <SubAcctDtls> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctDtls> </InvstmtAcctDtls> <PhysDlvryInd>>false</PhysDlvryInd> </RedLegDtls> <RedLegDtls> <LegId>REDLEGID(2)XXXXX</LegId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <FinInstrmQtyChc> <NetAmt Ccy="GBP">250000</NetAmt> </FinInstrmQtyChc> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> <SubAcctDtls> <Id>INVESTMENT SUB ACCOUNT (2)</Id> </SubAcctDtls> </InvstmtAcctDtls> </pre>	<p>Switch order with proprietary fund identification</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory</p> <p>This switch order contains two cash driven redemption legs and two percentage driven subscription legs</p> <p>The financial instruments are identified with proprietary codes.</p> <p>The switch leg identifiers can be up to 16 characters long.</p>
---	---

```

    <PhysDlvryInd>>false</PhysDlvryInd>
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  <SbcptLegDtls>
    <LegId>SUBLEGID(1)XXXXX</LegId>
    <FinInstrmDtls>
      <Id>
        <OthrPrtryId>
          <Id>PROPRIETARYIDENTIFICATION3</Id>
          <IdSrc>
            <Prtry>PROPRIETARYIDSRC1</Prtry>
          </IdSrc>
        </OthrPrtryId>
      </Id>
    </FinInstrmDtls>
    <FinInstrmQtyChc>
      <PctgOfTtlRedAmt>50.00</PctgOfTtlRedAmt>
    </FinInstrmQtyChc>
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      <SubAcctDtls>
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      </SubAcctDtls>
    </InvstmtAcctDtls>
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  <SbcptLegDtls>
    <LegId>SUBLEGID(2)XXXXX</LegId>
    <FinInstrmDtls>
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            <Prtry>PROPRIETARYIDSRC1</Prtry>
          </IdSrc>
        </OthrPrtryId>
      </Id>
    </FinInstrmDtls>
    <FinInstrmQtyChc>
      <PctgOfTtlRedAmt>50.00</PctgOfTtlRedAmt>
    </FinInstrmQtyChc>
    <InvstmtAcctDtls>
      <AcctId>INVESTMENT ACCOUNT</AcctId>
      <SubAcctDtls>
        <Id>INVESTMENT SUB ACCOUNT (4)</Id>
      </SubAcctDtls>
    </InvstmtAcctDtls>
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  </SbcptLegDtls>
</SwchOrdrDtls>
</SwchOrdr>
</Document>

```


Order instruction status report accepting a switch

Previously ViaNova 5.00 page 63

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04"> <OrdrInstrStsRpt> <MsgId> <Id>VNA05.03XML24.01</Id> <CreDtTm>2017-11-01T14:02:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <SwchOrdrDtlsRpt> <OrdrRef>SWITCH ORDER REFERENCE</OrdrRef> <OrdrSts> <Sts>PACK</Sts> </OrdrSts> <NewDtls> <XpctdTradDtTm> <Dt>2017-11-01</Dt> </XpctdTradDtTm> <XpctdCshSttlmDt>2017-11-04</XpctdCshSttlmDt> </NewDtls> </SwchOrdrDtlsRpt> </StsRpt> </OrdrInstrStsRpt> </Document> </pre>	<p>Order instruction status report accepting a switch</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The creation datetime is mandatory</p> <p>The message refers to the original order message.</p> <p>The message gives the status of the switch.</p> <p>The expected trade and settlement date is included.</p>
---	---

Order instruction status report rejecting a switch

Previously ViaNova 5.00 page 63

```
<?xml version="1.0" encoding="UTF-8"?>
<Document
xmlns="urn:iso:std:iso:20022:tech:xsd:setr.016.001.04">
  <OrdrInstrStsRpt>
    <MsgId>
      <Id>VNA02.03XML25.01</Id>
      <CreDtTm>2017-12-31T12:00:00</CreDtTm>
    </MsgId>
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      <RltdRef>
        <Ref>ORDER MESSAGE REFERENCE</Ref>
      </RltdRef>
    </Ref>
    <StsRpt>
      <SwchOrdrDtlsRpt>
        <OrdrRef>ORDER REFERENCE</OrdrRef>
        <OrdrSts>
          <Rjctd>
            <Rsn>
              <Cd>NSLA</Cd>
            </Rsn>
          </Rjctd>
        </OrdrSts>
        <LegInf>
          <LegId>
            <RedLegId>REDEMPTION LEG IDENTIFIER</RedLegId>
          </LegId>
          <LegRjctnRsn>REASON IN FREE TEXT</LegRjctnRsn>
        </LegInf>
        <LegInf>
          <LegId>
            <SbcptLegId>
              SUBSCRIPTION LEG IDENTIFIER
            </SbcptLegId>
          </LegId>
          <LegRjctnRsn>REASON IN FREE TEXT</LegRjctnRsn>
        </LegInf>
      </SwchOrdrDtlsRpt>
    </StsRpt>
  </OrdrInstrStsRpt>
</Document>
```

Order instruction status report rejecting a switch

Version 3 of the Order Instruction Status Report gives us the ability to provide information about why a switch subscription or redemption leg has been rejected.

Switch order cancellation request using a message and order reference

Previously ViaNova 5.00 page 64

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.014.001.04" > <SwTchOrdRcxlReq> <MsgId> <Id>VNA05.03XML26.01</Id> <CreDtTm>2017-02-14T11:31:00</CreDtTm> </MsgId> <PrvsRef> <Ref>ORDERMESSAGEREFX</Ref> </PrvsRef> <OrdRRefs> <OrdRRef>SWITCH ORDER REFERENCE</OrdRRef> </OrdRRefs> </SwTchOrdRcxlReq> </Document></pre>	<p>Switch Order Cancellation</p> <p>The message refers to the original switch order message. This message requests the cancellation of all the switch activity and identifies the switch with the switch order reference and the message reference for backwards compatibility with previous market practice.</p>
---	--

Order cancellation status report accepting a switch order cancellation

Previously ViaNova 5.00 page 64

<pre><?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.017.001.04"> <OrdRcxlStsRpt> <MsgId> <Id>VNA05.03XML28.01</Id> <CreDtTm>2017-02-14T11:31:00</CreDtTm> </MsgId> <Ref> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> </Ref> <StsRpt> <IndvCxlStsRpt> <OrdRRef>SWITCH ORDER REFERENCE</OrdRRef> <CxlSts> <Sts>CAND</Sts> </CxlSts> </IndvCxlStsRpt> </StsRpt> </OrdRcxlStsRpt> </Document></pre>	<p>Order Cancellation Status Report</p> <p>The message reference should be unique across all messages from a particular sender and can be up to 16 characters long.</p> <p>The message gives the cancellation status using the switch order reference and quotes the switch order message reference.</p> <p>The CAND status is given to show the cancellation has been completed</p>
---	---

Order cancellation status report rejecting a switch order cancellation

Previously ViaNova 5.00 page 65

```
<?xml version="1.0" encoding="UTF-8"?>
<Document
xmlns="urn:iso:std:iso:20022:tech:xsd:setr.017.001.04" >
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    </MsgId>
    <Ref>
      <RltdRef>
        <Ref>ORDERMESSAGEREFX</Ref>
      </RltdRef>
    </Ref>
    <StsRpt>
      <IndvCxlStsRpt>
        <OrdrRef>SWITCH ORDER REFERENCE</OrdrRef>
        <CxlSts>
          <Rjctd>
            <Rsn>
              <Cd>CUTO</Cd>
            </Rsn>
          </Rjctd>
        </CxlSts>
      </IndvCxlStsRpt>
    </StsRpt>
  </OrdrCxlStsRpt>
</Document>
```

Order Cancellation Status Report

The cancellation is rejected with the reason code CUTO – which means that the cancellation missed the cut off.

Switch Order Confirmation

Previously ViaNova 5.00 page 65

<pre> <?xml version="1.0" encoding="UTF-8"?> <Document xmlns="urn:iso:std:iso:20022:tech:xsd:setr.015.001.04"> <SwtchOrdrConf> <MsgId> <Id>VNA02.03XML30.01</Id> <CreDtTm>2017-07-01T13:47:00</CreDtTm> </MsgId> <RltdRef> <Ref>ORDERMESSAGEREFX</Ref> </RltdRef> <SwtchExctnDtls> <DealRef>DEAL REFERENCE</DealRef> <OrdrRef>SWITCH ORDER REFERENCE</OrdrRef> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> </InvstmtAcctDtls> <RedLegDtls> <LegId>REDLEGID (1) XXXXX</LegId> <LegExctnId>REDEMPTIONLEGEXECID1</LegExctnId> <FinInstrmDtls> <Id> <OthrPrtryId> <Id>PROPRIETARYIDENTIFICATION1</Id> <IdSrc> <Prtry>PROPRIETARYIDSRC1</Prtry> </IdSrc> </OthrPrtryId> </Id> </FinInstrmDtls> <UnitsNb>125000.00</UnitsNb> <HldgsRedRate>100.00</HldgsRedRate> <NetAmt Ccy="GBP">100000.00</NetAmt> <InvstmtAcctDtls> <AcctId>INVESTMENT ACCOUNT</AcctId> <SubAcctDtls> <Id>INVESTMENT SUB ACCOUNT (1)</Id> </SubAcctDtls> </InvstmtAcctDtls> <TradDtTm> <DtTm>2007-07-02T12:00:00</DtTm> </TradDtTm> <PricDtls> <Tp> <Cd>SWNG</Cd> </Tp> <Val> <Amt Ccy="GBP">0.80</Amt> </Val> </PricDtls> <CumDvddInd>>false</CumDvddInd> <PhysDlvryInd>>false</PhysDlvryInd> </RedLegDtls> <RedLegDtls> <LegId>REDLEGID (2) XXXXX</LegId> <LegExctnId>REDEMPTIONLEGEXECID2</LegExctnId> <FinInstrmDtls> </pre>	<p>Switch Order Confirmation</p> <p>The message reference is new in 2007 and we are using it instead of the old Master Reference.</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory</p> <p>The related reference field refers to the original order message</p>
--	--

```

    <Id>
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    </Id>
  </FinInstrmDtls>
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  <NetAmt Ccy="GBP">50000.00</NetAmt>
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    <SubAcctDtls>
      <Id>INVESTMENT SUB ACCOUNT (2)</Id>
    </SubAcctDtls>
  </InvstmtAcctDtls>
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  </TradDtTm>
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    <Tp>
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    </Tp>
    <Val>
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    </Val>
  </PricDtls>
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  <PhysDlvryInd>>false</PhysDlvryInd>
</RedLegDtls>
<SbcptLegDtls>
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  <LegExctnId>>SUBSCRIPTIONLEGEXECID1</LegExctnId>
  <FinInstrmDtls>
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      <OthrPrtryId>
        <Id>PROPRIETARYIDENTIFICATION3</Id>
        <IdSrc>
          <Prtry>PROPRIETARYIDSRC1</Prtry>
        </IdSrc>
      </OthrPrtryId>
    </Id>
  </FinInstrmDtls>
  <UnitsNb>53571.43</UnitsNb>
  <NetAmt Ccy="GBP">75000.00</NetAmt>
  <InvstmtAcctDtls>
    <AcctId>INVESTMENT ACCOUNT</AcctId>
    <SubAcctDtls>
      <Id>INVESTMENT SUB ACCOUNT (4)</Id>
    </SubAcctDtls>
  </InvstmtAcctDtls>
  <TradDtTm>
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  </TradDtTm>
  <PricDtls>
    <Tp>
      <Cd>SWNG</Cd>
    </Tp>
    <Val>
      <Amt Ccy="GBP">1.40</Amt>
    </Val>
  </PricDtls>

```

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<PhysDlvryInd>>false</PhysDlvryInd>
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  <LegExctnId>SUBSCRIPTIONLEGEXECID2</LegExctnId>
  <FinInstrmDtls>
    <Id>
      <OthrPrtryId>
        <Id>PROPRIETARYIDENTIFICATION4</Id>
        <IdSrc>
          <Prtry>PROPRIETARYIDSRC1</Prtry>
        </IdSrc>
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    </Id>
  </FinInstrmDtls>
  <UnitsNb>78947.37</UnitsNb>
  <NetAmt Ccy="GBP">75000.00</NetAmt>
  <InvstmtAcctDtls>
    <AcctId>INVESTMENT ACCOUNT</AcctId>
    <SubAcctDtls>
      <Id>INVESTMENT SUB ACCOUNT (4)</Id>
    </SubAcctDtls>
  </InvstmtAcctDtls>
  <TradDtTm>
    <DtTm>2007-07-02T12:00:00</DtTm>
  </TradDtTm>
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    <Tp>
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</Document>

```

Price report for two funds in base currency only with ISIN identification

Previously ViaNova 5.00 page 73

<pre> <Document xmlns="urn:swift:xsd:reda.001.001.04"> <PricRpt> <MsgId> <Id>VNA05.00XML31.03</Id> <CreDtTm>2013-05-31T11:29:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>>true</LastPgInd> </MsgPgntn> <PricRptId>PRICE REPORT ID</PricRptId> <Fctn>NEWP</Fctn> <PricValtnDtls> <Id>PRICE REFERENCE (1)</Id> <ValtnDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </ValtnDtTm> <NAVDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </NAVDtTm> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> <DualFndInd>>true</DualFndInd> </FinInstrmDtls> <ValtnTp>USUA</ValtnTp> <OffclValtnInd>>true</OffclValtnInd> <SspdInd>>false</SspdInd> <PricDtls> <Tp>OFFR</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">0.95</Amt> </ValInInvstmtCcy> <ForExctnInd>>true</ForExctnInd> <CumDvddInd>>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>MIDD</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.00</Amt> </ValInInvstmtCcy> <ForExctnInd>>true</ForExctnInd> <CumDvddInd>>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>BIDE</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.05</Amt> </ValInInvstmtCcy> <ForExctnInd>>true</ForExctnInd> <CumDvddInd>>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> </PricValtnDtls> </PricRpt> </Document> </pre>	<p>Price report for two funds in base currency only with ISIN identification</p> <p>The message reference should be unique across all messages from a particular sender.</p> <p>The creation datetime is mandatory</p> <p>Dual Fund Indicator is a mandatory item – as is the official valuation indicator.</p> <p>The estimated price indicator is mandatory</p>
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Price report for one fund in two currencies with ISIN codes

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<pre> <Document xmlns="urn:swift:xsd:reda.001.001.04" > <PricRpt> <MsgId> <Id>VNA05.00XML32.03</Id> <CreDtTm>2013-05-31T11:29:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>>true</LastPgInd> </MsgPgntn> <PricRptId>PRICE REPORT ID</PricRptId> <Fctn>NEWP</Fctn> <PricValtnDtls> <Id>PRICE REFERENCE (1)</Id> <ValtnDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </ValtnDtTm> <NAVDtTm> <DtTm>2013-05-31T00:00:00</DtTm> </NAVDtTm> <FinInstrmDtls> <Id> <ISIN>ISINCODE0001</ISIN> </Id> <DualFndInd>>true</DualFndInd> </FinInstrmDtls> <ValtnTp>USUA</ValtnTp> <OffclValtnInd>>true</OffclValtnInd> <SspdInd>>false</SspdInd> <PricDtls> <Tp>OFFR</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">0.95</Amt> </ValInInvstmtCcy> <ValInAltrntvCcy> <Amt Ccy="EUR">1.33</Amt> </ValInAltrntvCcy> <ForExctnInd>>true</ForExctnInd> <CumDvddInd>>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>MIDD</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.00</Amt> </ValInInvstmtCcy> <ValInAltrntvCcy> <Amt Ccy="EUR">1.40</Amt> </ValInAltrntvCcy> <ForExctnInd>>true</ForExctnInd> <CumDvddInd>>true</CumDvddInd> <EstmtdPricInd>>false</EstmtdPricInd> </PricDtls> <PricDtls> <Tp>BIDE</Tp> <ValInInvstmtCcy> <Amt Ccy="GBP">1.05</Amt> </pre>	<p>Price report for one fund in two currencies with ISIN identification</p> <p>Price report</p> <p>This message quotes the base currency price and the price in an alternative currency.</p>
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Custody statement of holdings multiple sub accounts and funds

Previously ViaNova 5.00 page 81

<pre> <Document xmlns="urn:swift:xsd:semt.002.001.02"> <CtdyStmntOfHldgsV02> <MsgId> <Id>VNA02.03XML33.01</Id> <CreDtTm>2007-07-07T12:35:00</CreDtTm> </MsgId> <MsgPgntn> <PgNb>1</PgNb> <LastPgInd>>true</LastPgInd> </MsgPgntn> <StmntGnlDtls> <Ref>HOLDINGS STATEMENT REFERENCE</Ref> <StmntDtTm> <DtTm>2007-07-07T00:00:00</DtTm> </StmntDtTm> <CreDtTm> <DtTm>2007-07-07T12:41:00</DtTm> </CreDtTm> <Frqcy> <FrqcyAsCd>DAIL</FrqcyAsCd> </Frqcy> <UpdTp> <StmntUpdTpAsCd>COMP</StmntUpdTpAsCd> </UpdTp> <ActvtyInd>>true</ActvtyInd> <StmntBsis> <StmntBsisAsCd>TRAD</StmntBsisAsCd> </StmntBsis> </StmntGnlDtls> <AcctDtls> <Id> <SmplId> <Prtry> <Id>ACCOUNT IDENTIFIER</Id> </Prtry> </SmplId> </Id> <FngbInd>>true</FngbInd> </AcctDtls> <SubAcctDtls> <Id> <SmplId> <Prtry> <Id>SUB ACCOUNT IDENTIFIER (1)</Id> </Prtry> </SmplId> </Id> <FngbInd>>true</FngbInd> <ActvtyInd>>true</ActvtyInd> <BalForSubAcct> <AggtQty> <Qty> <Unit>1000000.00</Unit> </Qty> </AggtQty> <HldgVal Ccy="GBP">1350000.00</HldgVal> <FinInstrmDtls> </pre>	<p>Custody statement of holdings. Multiple sub accounts with one or more funds per sub account.</p> <p>The message reference should be unique across all messages from a particular sender and The creation datetime is mandatory</p>
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Statement of Investment Fund Transactions

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