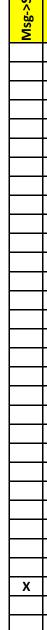
## List of Consumer Examples

DocID: EMAJ366L1EX.220

Consumer Example Name	Feature																																	
	st	ction	st								gu	<u>g</u>	nsg		Resume		in Msø)	(Bc)()	Config	infig Location	messages	l admin domain		(8)			<b>b</b> 0	Token Handling			tion	Representation	nent	ServiceEndpointDiscovery Helper
	Streaming request	Tunneling Connection	Snapshot request	Close request Set Closure	Qos	Priority	Batch	View	SymbolList	Private Stream	On Stream postring	OTT Stream Posting	VPI Sending generic msg	Reissue priority	use &	User Disp	Sub Stream(Msg in Msg)	Sub Sureamining File Config	atic	User Specified Config Location	Specify Admin m	Programatic Local admin domain	Rmtes Decoder	forth( const Data	Tunnel stream	Ripple Fields	Horizontal Scaling	Authentication T		HandleRTT	Channel Information	Login Domain Re	Session Management	erviceEndpoint[
ex100_MP_Streaming	X	_	0)	0 0		-	ш		S			<del></del>	<u> </u>	<u> </u>	<u> </u>	X	_	<u>,                                    </u>		_	S		<u> </u>	<del>- 4-</del>	<del>                                     </del>	-	<del>  -</del>						S	<u>8</u>
ex101_MP_QosPriority	Х				Х	Х						+				X	_										1	+-					-+	
ex102_MP_Snapshot			Х		+~							+				X	_										1	+-					-+	
ex110_MP_FileCfg	Х				1			1				+				X	_	X						+			+	+	+				-+	
ex111_MP_UserSpecifiedFileCfg	X	<del> </del>						$\vdash$	$\dashv$		$\top$	+				X	_	X	_	Х			-	+			1	<del>+</del>	†			$\dashv$	$\dashv$	=
ex112_MP_TunnelingConnection	X	Х			+			$\vdash$	+		$\dashv$	+		$\dashv$	$\dashv$	X		$\frac{1}{x}$			$\dashv$	-+		+			1	+				+	$\dashv$	$\dashv$
ex113_MP_SessionMgmt	Х	Х			1							+				X	_	X						+			1	+					Х	
ex120_MP_FieldListWalk	X	<del>  ^`</del>								-	$\dashv$	+		$\dashv$		X	_	+^						+	1			+	1			+	<del></del>	$\dashv$
ex130_MP_UserDisp	Х				1							+				X	`	+						+			1	+					$\rightarrow$	
ex140_MBO_Streaming	Х				1							+				X	<del>.   -</del>	+						+			1	+					$\rightarrow$	
ex170_MP_ChannelInfo	X				1											X	_	T <sub>X</sub>						+			1	+			Х		-+	-
ex180_MP_Websocket	X				+			1				+				x	+	$\frac{1}{x}$	_								+	+			^		-+	
ex200_MP_Streaming	X				+											^ ×	<del>,  -</del>	<del>  ^</del>	•								1	+					-+	
ex210_MBO_Streaming	X				1		-	$\vdash$	+			+	_			$\frac{1}{x}$	_	+						+	-		+	+	+				-+	-
					+					<u></u>							$\vdash$	-					_	-			1	+	-				$\rightarrow$	-
ex220_MBP_PrivateStream	X				+				-	Х						X	-	-					_	-			1	+	-				$\rightarrow$	-
ex230_MBO_SwitchEntryAction	X				+											X	-	-					_	-			1	+	-				$\rightarrow$	
ex240_MP_RippleFields	X			Х	-							-					<del>.  </del>	-						-		X	+	+					$\rightarrow$	
ex250_Custom_Opaque	X				-			$\vdash$	-	_	_	-				X	_	+				-	_	+			+	+	+				$\rightarrow$	$\dashv$
ex270_SymbolList	X				-							_				X	_											+						
ex280_MP_Perf	X				-							_				X	_											+						
ex290_Custom_Decode	Х			X												X	<u> </u>	-						-			1						$\rightarrow$	
ex291_Custom_DownCast	Х			Х								_				Х												—						
ex300_MP_Close	Х			X X	_							_				Х	<u> </u>											—						
ex301_MP_PriorityChange	Х			Х								_		Х		Х												—						
ex310_MP_Rmtes	Х											4				Х	<u> </u>						х					—	_					
ex320_Custom_GenericMsg	Х			Х									Х			Х												<u> </u>						
ex330_Login_Streaming	Х															Х												<u> </u>						
ex331_Directory_Streaming	Х															Х																		
ex332_Dictionary_Streaming	X															Х	<u> </u>																	
ex333_Login_Streaming_DomainRep	Х															Х	_															Х		
ex340_MP_OnStreamPost	X			Х							X					Х	_																	
ex341_MP_OffStreamPost	X			Х							<u> </u>	<b>x</b> 2	Х			Х	<u> </u>																	
ex350_MP_PauseAll	X															Х																		
ex360_MP_View	Х							Х								Х	_																	
ex370_MP_Batch	Х						Х	$\sqcup$	$\perp$							Х	_		$\bot$				_	Д			1	₩	1					
ex400_Custom_NestedMessaging	Х			Х	_			$\sqcup$		Х		$\perp$				Х	( X	(						4_				1	<u> </u>				$\bot$	
ex410_MP_HorizontalScaling	Х			Х				$\sqcup$	$\perp$			$\perp$				Х	$\perp$										X	1	<u> </u>				$\perp \perp$	
ex420_MP_AdmDomainCfg	Х							$\sqcup$	$\perp$			$\perp$				Х	$\perp$				Х			↓_				1	<u> </u>				$\perp \perp$	
ex421_MP_ProgrammaticCfg	Х							$\sqcup$	$\perp$			$\perp$				Х	_		Х					↓_				1	<u> </u>				$\perp \perp$	
ex422_MP_ErrorClient	Х							$\sqcup$	$\perp$			$\perp$				Х	(							↓_				1	<u> </u>				$\perp \perp$	
ex423_MP_AdmDomainCfg_DomainRep	Х															Х					Х							<u> </u>				Х		
ex430_MP_Authentication	X							$\coprod$						$\Box$		Х	_				Х	Х						Х	Х			Х		
ex440_System_TunStrm	Х							$\coprod$						$\Box$		Х	_	(							Х			$oldsymbol{ol}}}}}}}}}}}}}}}}}}$				I		
ex450_MP_QueryServiceDiscovery	Х	Х														Х	(		Х														Х	Χ
ex451_MP_OAuth2Callback_V2	Х	Х			$\prod$									1		Х	(		Х														Х	
ex460_MP_RTT	Х				$\prod$									1		Х	(	Х												Х				
RRT Market Data Viewer	Х		Х	ХХ			Х	Х								Х			Х														Х	Х
					-							_	•				-	-		-				_	-	-	-		-					-

	Structure													
× Msg.ToString()	Msg->FieldList.ToString()	Map->FieldList->ToString()	Msg->FieldList	Msg->Map->FieldList	Msg->Map(Action type,Key)->FieldList	Msg->Map(Sum,Key,Action)->FieldList	Msg->Map->FieldList->Primitive types	Msg-> FieldList or ElementList	Msg->Map->FieldList, ElementList	Msg->Msg->FieldList	Msg->ElementList->Vector->ElementList	Msg->Map->FilterList->ElementList or Map		
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Non-Interactive Provider Example Name									Fe	eatui	re								
	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmaConfig.xml	Configurable Source Directory Programmatically	Submit Source Directory Message	Login Request	Dictionary Request	Directory Admin UserControl	Directory Admin ApiControl	UserDispatch	ApiDispatch	File Config	Programmatic Config	Status Closed Message	Connection Recovery	Authentication Token Handling	Channel Information	Login Reissue
ex100_MP_Streaming	X		Х			-				X		X							
ex110_MBO_Streaming	Х		Х							Х		Х							
ex170_MP_ChannelInfo	Х			X						Х		Х						Χ	
ex200_MP_Streaming	Х			X						Х		Х	Χ						
ex201_MP_TunnelingConnection	Х	Х		Х						Х		Х	Х						
ex210_MBO_Streaming	Х			X						Х		Х	Χ						
ex250_MP_Perf	Х			X						X		X	X						
ex251_MP_Perf_KeyByServiceId	Х			X						X		X	X						
ex300_MP_Streaming	Х					Х			X			X	X						
ex310_MBO_Streaming	X					X			X			X	X						
ex320_MP_Streaming_StatusClosed	Χ					Χ			X			X	X		X				
ex340_Login_Streaming	X			X			X			X	X		X						
ex350_Dictionary_Streaming	X			X				X		X		X	X						
ex360_MP_ConnectionRecovery	X			X			X			X	X		X			X			
ex421_MP_ProgrammaticCfg	X				X					X		X		X					Ш
ex430_MP_Authentication	X			X						X		X	X				X		X

Structure													
Msg.ToString()	Map::add<>()	eldList::add<>()	ElementList::add<>/()	efreshMsg::set<>()	pdateMsg::set<>()	StatusMsg::set<>()	RefreshMsg::get<>()	StatusMsg::get<>()					
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۷	2	<u>ιτ</u> Χ	ш	X	x	St	R	St					
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<u></u>		X X X X X		X X X X X	X X X X X	1 <mark>3</mark>	The second secon	ts S					
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	x x	X X X X X X X X		X X X X X X X	X X X X X X X		Real Beautiful B	1S St					
	X	X X X X X X X X X X	X X X	X		15 ×	Real Property of the Property	<mark>15</mark>					
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## List of Interactive Provider Examples

Interactive Provider Example Name										Fea	ture											
	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmaConfig.xml	Configurable Source Directory Programmatically	tory Mess	Dictionary Request	Directory Admin UserControl	Directory Admin ApiControl	Dictionary Admin UserControl	Dictionary Admin ApiControl	UserDispatch	ApiDispatch	File Config	HandleRTT	Connected Client Information	Login Domain Representation	Posting	Programmatic Config	Closing client channel	Map::add<>()	FieldList::add<>()
ex100_MP_Streaming	X		X		0	S			Х		X		X	ш.		<u> </u>	1	4	4	0		Х
ex102_MP_Snapshot	Х		Х						Х		Х		Х									Х
ex130_MP_UserDispatch	Х		Х						Х		Х	Х										Х
ex140_MBO_Streaming	Х		Х						Х		Х		Х								Х	Х
ex150_MBO_Snapshot	Х		Х						Х		Х		Х								Х	Х
ex160_Login_AcceptDeny			Х						Х		Х		Х									
ex161_Login_AcceptDeny_DomainRep			Х						Х		Х		Х				Х					
ex170_MP_ConnectedClientInfo	Х			Х					Х		Х	Х				Х						Х
ex180_MP_Websocket	Х			Х					Х		Х	Х		Х						Х		Х
ex200_MP_Streaming	Х			Х					Х		Х	Х		Х								Х
ex201_MP_Encrypted	Х	Х		Х					Х		Х		Х	Х								
ex210_MBP_Streaming	Х			Х					Х		Х	Х		Х							Х	Х
ex240_SourceDirectory_Fanout	Х			Х		Х			Х		Х		Х	Х							Х	X
ex250_GroupStatus_Fanout	Х			X		X			X		X		X	Х							Х	X
ex260_Custom_NestedMsg	X			Х					X		X	X		Х								X
ex280_MP_Perf	Х			X					X		X	X		Х								X
ex300_MP_Close	X			Х					X		X		X	Х					X			X
ex301_MP_PriorityChange	Х			Х					X		X	X		Х								Х
ex320_Custom_GenericMsg	X			X					X		X	X		Х								Х
ex331_Directory_UserControl	X					X		X			X		X	Х							Х	Х
ex332_Dictionary_UserControl	X			X					X	Х			X	Х							Х	Х
ex340_MP_Posting	Х			Х									Х	Х				X				Х
ex350_Dictionary_Streaming	X			X			X		X		Х		Х	X						Щ	Х	X
ex380_MP_ConnectionLost	X	<u> </u>		X			<u> </u>		X		Х		X	X						Ш		Х
ex421_MP_ProgrammaticCfg	Х				Х				X		Х	X							X	Ш		Х
ex460_MP_RTT	X			X								Х		Х	Х							X

Map::add<>()	x x x x FieldList::add<>()	ElementList::add<>>()
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X	Х	Х
Х	Х	Х
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	X	
	X	X
X	X	Х
X	X	Х
Х	X	^
^	X	
	X	
	Х	Х

	Stru	ctur	е			
x   x   x   x   x   x   x   x   x   x	× UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	AckMsg:set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
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