List of Consumer Examples

Columns 2–40 below fall under the **Feature** group; columns 41–55 fall under the **Structure** group.

Consumer Example Name	Streaming request	Tunneling Connection	Snapshot request	Close request	Set Closure	Qos	Priority	Batch	View	SymbolList	Private Stream	On Stream postring	Off Stream Posting	VPI	Sending generic msg	Reissue priority	Reissue Pause & Resume	User Disp	Api Disp	Sub Stream(Msg In Msg)	File Config	Programmatic Config	User Specified Config Location	Specify Admin messages	Programatic Local admin domain	Rmtes Decoder	forth(FieldName)	forth(const Data &)	Ripple Fields	Horizontal Scaling	Authentication Token Handling	Login Reissue	HandleRTT	Channel Information	Login Domain Representation	Session Management (V2 Auth only)	ServiceEndpointDiscovery Helper	oAuth2 JWT	Ability to Pass In Dictionary Object	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	Msg->Series->ElementList	Msg->OmmOpaque
100_MP_Streaming	X																		X																					X														
101_MP_QosPriority	X					X	X												X																					X														
102_MP_Snapshot			X																X																					X														
110_MP_FileCfg	X																		X		X																			X														
111_MP_UserSpecifiedFileCfg	X																		X		X		X																	X														
112_MP_TunnelingConnection	X	X																	X		X																X			X														
113_MP_SessionMgmt	X	X																	X		X															X				X														
120_MP_FieldListWalk	X																		X																						X													
130_MP_UserDisp	X																	X																							X													
140_MBO_Streaming	X																		X																							X												
170_MP_ChannelInfo	X																		X		X													X						X														
200_MP_Streaming	X																		X																													X						
210_MBO_Streaming	X																		X																									X										
220_MBP_PrivateStream	X										X							X																										X										
230_MBO_SwitchEntryAction	X																	X																											X									
240_MP_RippleFields	X				X													X											X															X										
250_Custom_Opaque	X																		X																																			X
270_SymbolList	X																		X																												X							
280_MP_Perf	X																		X																									X										
290_Custom_Decode	X				X														X																															X				
291_Custom_DownCast	X																	X																																	X			
300_MP_Close	X			X	X														X																								X											
301_MP_PriorityChange	X				X											X		X																									X											
310_MP_Rmtes	X																		X							X																	X											
320_Custom_GenericMsg	X				X										X			X																																			X	
330_Login_Streaming	X																	X																									X										X	
331_Directory_Streaming	X																		X																								X										X	
332_Dictionary_Streaming	X																		X																								X											X
333_Login_Streaming_DomainRep	X																	X																	X								X										X	
340_MP_OnStreamPost	X				X						X								X																															X				
341_MP_OffStreamPost	X				X							X	X						X																															X				
350_MP_PauseAll	X																	X																									X											
360_MP_View	X								X									X																									X											
370_MP_Batch	X							X											X																								X											
400_Custom_NestedMessaging	X				X						X								X	X																							X									X		
410_MP_HorizontalScaling	X				X													X												X													X											
420_MP_AdmDomainCfg	X																		X					X																			X											
421_MP_ProgrammaticCfg	X																		X			X																					X											
422_MP_ErrorClient	X																		X																								X											
423_MP_AdmDomainCfg_DomainRep	X																	X						X											X								X											
430_MP_Authentication	X																		X					X	X						X	X			X					X	X													
450_MP_QueryServiceDiscovery	X	X																	X			X														X	X			X														
451_MP_OAuth2Callback_V2	X	X																	X			X														X				X														
452_MP_OAuth2Callback_V2JWT	X	X																	X			X														X		X		X														
460_MP_RTT	X																		X	X													X							X													X	
490_Specify_Dict_Object	X																		X																				X		X													

List of Non-Interactive Provider Examples

Non-Interactive Provider Example Name	Feature: 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	Message Packing	Structure: Msg.ToString()	Map.Add<>()	FieldList.Add<>()	ElementList.Add<>()	RefreshMsg::Set<>()	UpdateMsg.Set<>()	StatusMsg.Set<>()	RefreshMsg.Get<>()	StatusMsg.Get<>()
100_MP_Streaming	X		X							X		X											X		X	X			
110_MBO_Streaming	X		X							X		X										X	X		X	X			
170_MP_ChannelInfo	X		X							X		X						X					X		X	X			
200_MP_Streaming	X		X							X		X	X										X		X	X			
201_MP_TunnelingConnection	X	X	X							X		X	X										X		X	X			
210_MBO_Streaming	X		X							X		X	X									X	X		X	X			
250_MP_Perf	X		X							X		X	X										X		X	X			
251_MP_Perf_KeyByServiceId	X		X							X		X	X										X		X	X			
300_MP_Streaming	X					X			X			X	X									X	X	X	X	X			
310_MBO_Streaming	X					X			X			X	X									X	X	X	X	X			
320_MP_Streaming_StatusClosed	X					X			X			X	X		X							X	X	X	X	X	X		
340_Login_Streaming	X		X				X			X	X	X									X	X	X		X	X			
350_Dictionary_Streaming	X		X					X		X		X	X										X		X	X		X	X
360_MP_ConnectionRecovery	X		X			X				X		X	X			X					X	X	X		X	X		X	X
405_MP_MsgPacking	X		X							X		X								X			X		X	X			
421_MP_ProgrammaticCfg	X				X					X		X		X									X		X	X			
430_MP_Authentication	X		X							X		X	X				X		X		X		X						

List of Interactive Provider Examples

Interactive Provider Example Name	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmaConfig.xml	Configurable Source Directory Programmatically	Submit Source Directory Message	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	Message Packing	Map.Add<>()	FieldList.Add<>()	ElementList.Add<>()	RefreshMsg.Set<>()	UpdateMsg.Set<>()	RefreshMsg.Get<>()	PostMsg.Get<>()	AckMsg.Set<>()	GenericMsg.Get<>()	UpdateMsg.Get<>()
100_MP_Streaming	X		X						X		X		X										X		X	X					
102_MP_Snapshot	X		X						X		X		X										X		X						
130_MP_UserDispatch	X		X						X		X	X											X		X	X					
140_MBO_Streaming	X		X						X		X		X									X	X		X						
150_MBO_Snapshot	X		X						X		X		X									X	X		X						
160_Login_AcceptDeny			X						X		X		X												X						
161_Login_AcceptDeny_DomainRep			X						X		X		X				X								X						
170_MP_ConnectedClientInfo	X		X						X		X		X			X							X		X	X					
180_MP_Websocket	X		X						X		X		X	X						X			X		X	X					
200_MP_Streaming	X		X						X		X		X	X									X		X	X					
201_MP_Encrypted	X	X	X						X		X		X	X									X		X	X					
210_MBP_Streaming	X		X						X		X		X	X								X	X		X	X					
240_SourceDirectory_Fanout	X		X		X				X		X	X	X									X	X	X	X	X					
250_GroupStatus_Fanout	X		X		X				X		X	X	X									X	X	X	X	X					
260_Custom_NestedMsg	X		X						X		X		X	X									X		X	X					
280_MP_Perf	X		X						X		X		X	X									X		X	X					
300_MP_Close	X		X						X		X		X	X						X			X		X	X					
301_MP_PriorityChange	X		X						X		X		X	X									X		X	X					
320_Custom_GenericMsg	X		X						X		X		X	X									X		X	X				X	
331_Directory_UserControl	X				X	X		X				X	X									X	X		X	X					
332_Dictionary_UserControl	X		X							X	X	X	X									X	X		X	X					
340_MP_Posting	X		X									X	X					X					X	X	X			X	X		
350_Dictionary_Streaming	X		X			X			X		X		X	X								X	X		X	X	X				X
380_MP_ConnectionLost	X		X						X		X	X	X										X		X	X					
405_MP_MsgPacking	X	X							X		X		X								X		X		X	X					
421_MP_ProgrammaticCfg	X				X				X		X	X							X				X		X	X					
460_MP_RTT	X		X										X	X	X								X	X	X	X				X	