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Consumer Example Name	Feature																																													
	Streaming request	Tunneling Connection	Snapshot request	Close request	Self Closure	Qos	Priority	Batch	View	SymbolList	Private Stream	On-Stream posting	Off Stream Posting	VPI	Sending generic msg	Reissue priority	Reissue batch	Reissue View	Reissue Pause & Resume	User Dispatch	Api Dispatch	Sub Stream(Msg In Msg)	Pile Config	Programmatic Config	Specify Admin messages	Rmtes Decoder	forth(FrIdName)	forth(const Data &)	Tunnel stream	Ripple Fields	Horizontal Scaling	Authentication Token Handling	Login Reissue	Channel Information	Login Domain Representation	Session Management	HandlerRTT	ServiceEndpointDiscovery Helper	Warm Standby	OAuth2 Credential Callback	oAuth2 JWT	Multi-Credential Config	Ability To Pass In Dictionary Object			
100_MP_Streaming	X																				X																									
101_MP_QosPriority	X					X	X														X																									
102_MP_Snapshot		X																			X																									
110_MP_FileCfg	X																				X																									
111_MP_UserSpecifiedFileCfg	X																					X																								
112_MP_TunnelingConnection		X																			X		X																			X				
113_MP_SessionMgmt	X	X																			X		X														X									
120_MP_FieldListWalk	X																				X																									
121_MP_FieldListSrChByName	X			X																	X							X																		
130_MP_UserDisp	X																			X																										
140_MBO_Streaming	X																				X																									
170_MP_ChannellInfo	X																				X																									
180_MP_Websocket	X																				X		X											X												
200_MP_Streaming	X																				X			X																						
210_MBO_Streaming	X																				X																									
220_MBP_PrivateStream	X										X										X																									
230_MBO_SwitchEntryAction	X																				X																									
240_MP_RippleFields	X			X																X																										
250_Custom_Opaque	X																				X									X																
260_MP_FieldListSearchByList	X																				X							X																		
270_SymbolList	X																				X																									
280_MP_Perf	X																				X																									
290_Custom_Decode	X			X																	X																									
291_Custom_DownCast	X			X																	X																									
300_MP_Close	X		X	X																	X			X																						
301_MP_PriorityChange	X			X												X					X																									
310_MP_Rmtes	X																				X						X																			
320_Custom_GenericMsg	X			X											X						X																									
330_Login_Streaming	X																				X																									
331_Directory_Streaming	X																				X																									
332_Dictionary_Streaming	X																				X																									
333_Login_Streaming_DomainRep	X																				X															X										
340_MP_OnStreamPost	X			X								X										X																								
341_MP_OffStreamPost	X			X									X	X								X																								
350_MP_PauseAll	X																		X			X																								
360_MP_View	X								X												X																									
370_MP_Batch	X						X														X																									
400_Custom_NestedMessaging	X			X							X										X	X																								
410_MP_HorizontalScaling	X			X																	X										X															
420_MP_AdminDomainCfg	X																				X					X																				
421_MP_ProgrammaticCfg	X																				X			X																						
422_MP_ErrorClient	X																				X																									
423_MP_AdminDomainCfg_DomainRep	X																			X					X																					
430_MP_Authentication	X																				X																									
440_System_TunStrm	X																				X	X							X																	
450_MP_QueryServiceDiscovery	X	X																			X			X													X									
451_MP_OAuth2Callback_V2	X	X																			X		X														X				X					
452_MP_OAuth2Callback_V2/JWT	X	X																			X		X																	X	X					
460_MP_RTT	X																				X																									
470_MP_WarmStandby	X																				X		X																	X						
480_MP_MultiCredentials	X																				X		X														X			X	X	X				
490_Specify_Dict_Object	X																				X																							X		

Structure	
Msg->ToString()	X
Msg->FieldList.ToString()	X
Map->FieldList->ToString()	X
Msg->FieldList	X
Msg->Map->FieldList	X
Msg->Map(Action type Key)->FieldList	X
Msg->Map(Sum Key, Action)->FieldList	X
Msg->Map->FieldList->Primitive types	X
Msg->FieldList or ElementList	X
Msg->Map->FieldList, ElementList	X
Msg->Msg->FieldList	X
Msg->ElementList->Vector->ElementList	X
Msg->Map->FilterList->ElementList or Map	X
Msg->Series->ElementList	X

List of Non-Interactive Provider Examples

NiProv Example Name	Feature																			
	Streaming	Tunneling Connection	Hardcoded Source Directory	Configurable Source Directory from EmsaConfig.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	
100_MP_Streaming	X		X							X		X								
110_MBO_Streaming	X		X							X		X								
170_MP_ChannelInfo	X		X	X						X		X	X					X		
200_MP_Streaming	X			X						X		X	X							
201_MP_TunnelingConnection	X	X		X						X		X	X							
210_MBO_Streaming	X			X						X		X	X							
250_MP_Perf	X			X						X		X	X							
251_MP_Perf_KeyByServiceId	X			X						X		X	X							
300_MP_Streaming	X					X			X			X	X							
310_MBO_Streaming	X					X			X			X	X							
320_MP_Streaming_StatusClosed	X					X			X			X	X		X					
340_Login_Streaming	X			X			X			X	X		X							
350_Dictionary_Streaming	X			X				X		X		X	X							
360_MP_ConnectionRecovery	X			X		X				X	X		X			X				
421_MP_ProgrammaticCfg	X				X					X		X		X						
430_MP_Authentication	X			X		X				X		X	X	X			X		X	

	Structure							
	Mag::ToString()							
	Map::add<>()	X						
	FieldList::add<>()		X					
	ElementList::add<>()			X				
	RefreshMsg::set<>()			X	X			
	UpdateMsg::set<>()			X	X			
	StatusMsg::set<>()			X	X			
	RefreshMsg::get<>()							
	StatusMsg::get<>()							

List of Interactive Provider Examples

IProv Example Name	Feature																			Structure									
	Streaming	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	Programmatic Config	Connected Client Information	Login Domain Representation	HandlerRTT	Posting	Closing client channel	Map::add<>()	FieldList::add<>()	ElementList::add<>()	RefreshMsg::set<>()	UpdateMsg::set<>()	RefreshMsg::get<>()	PostMsg::get<>()	ActMsg::set<>()	GenericMsg::get<>()	UpdateMsg::get<>()
100_MP_Streaming	X	X					X		X		X										X	X	X	X					
102_MP_Snapshot	X	X					X		X		X										X	X	X	X					
130_MP_UserDispatch	X	X					X	X	X												X	X	X	X					
140_MBO_Streaming	X	X					X		X		X										X	X	X	X					
150_MBO_Snapshot	X	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	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					
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					
250_GroupStatus_Fanout	X		X		X		X		X		X	X									X	X	X	X					
260_Custom_NestedMsg	X		X				X		X		X		X								X	X	X	X					
280_MP_Perf	X		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	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					
332_Dictionary_UserControl	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	X					
421_MP_ProgrammaticCfg	X			X			X		X		X			X							X	X	X	X					
460_MP_RTT	X		X								X	X					X				X	X	X	X			X		