Release Notes

9.1

Major Feature	Major Feature	CanaryLabs Integration
Major Feature	Major Feature	Asset improvement
Major Feature	Major Feature	TagProvider
Major Feature	Major Feature	Major Feature: Azure Integration
Minor Feature	DataAccess	Enabled Tag Provider objects in DataAccess
Minor Feature	Device	Enabled Tag Provider objects in Points
Minor Feature	Manager	Enabled Device/Points/Modifiers column for new OPC_UA
Performance	MQTT	Disabled auto discovery for channel 'EoN Node' type
Minor Feature	OPC UA	New OPC UA server and client based on Unified Automation API

9.1.21

Major Feature:		CanaryLabs Driver
Minor Feature	Client	Now arguments "left" (3) e "top" (4) of methods "OpenDisplay" and "Newpopup" works same in DockPanel layout
Performance	Device	Created new option "ChangedToWrite" in DrvItem class. It is a flag to indicate while using "EnableWriteGroup" and item was changed
Minor Feature	Display	Improved visualization of dashboad items while displaying as stack panel (vertical)
Minor Feature	EngWrapper	Created new methods on EngWraper: IsRuntimeRunning, RunStartup, ShutdownRuntime, HotStartup, ConnectToRuntime, IsConnectedToRuntime and DisconnectFromRuntime
Minor Feature	HTML5	The multiple popup feature already supported in .Net is supported now for HTML5. Method Client.NewPopup
Minor Feature	HTML5	TreeView component added for HTML5 environment
Minor Feature	HTML5	Enabled veritical alignment to TextBox, RadioButton and Checkbox controls
Minor Feature	HTML5	Created new methods: symbol = T.Library.FrameworkElementExtensions.GetParentSymbol(element); display = T.Library.FrameworkElementExtensions.GetParentDisplay(element);
Minor Feature	HTML5	Enabled array multidimensional when using html5 pages.
Minor Feature	HTML5	Created TK.CreateSymbol method to html5 pages.
Minor Feature	HTML5	Implemented TK.GetChildrenElements method to HTML5 pages.
Minor Feature	HTML5	Included Map and added features to Treeview html5 control
Minor Feature	HTML5	Improved perfornmance when using many symbols with Visibility dynamic
Minor Feature	HTML5	Enabled Dashboard and added HTML5 Custom controls for Mono projects
Minor Feature	HTML5	Improved perfornance when using many symbols with Visibility dynamic

Minor Feature	HTML5	Enabled retentive tag client
Perfomance	HTML5	Improved first open for text controls
Perfomance	HTML5	Removed Loading message while opening display
Minor Feature	Licensing	Added new premium protocols: ICCPCLIENT and ICCPSERVER
Minor Feature	Manager	Implemented auto scrolling of treeview while expanding node in "Select Object" dialog
Minor Feature	Manager	Increased width of treeview in "Select Object" dialog
Minor Feature	Manager	Now when creating component if it already exists and Version field is blank so Version is auto incremented from existing project.
Minor Feature	Manager	Enabled creating of displays HTML5 and Dashboard with "Import from CSV" option
Perfomance	Manager	Improved performance while saving display for big Types schema
Minor Feature	MQTT	Created button to MQTT Broker startup when configuring a MQTT device.
Minor Feature	MQTT	Fixed issue with MQTT Driver to allow using a different port than 1883.
Minor Feature	MQTT.CellEditor	Added tooltip in "Selected Topic" label of "Search Item" dialog.
Minor Feature	MQTTspB	Added the Broker items browse in Devices > Points > Address.
Minor Feature	MQTTspB	Enabled several settings for GroupId and EdgeNodeId to same device channel when client type is EoN node
Minor Feature	MQTTspB	Enabled several settings for GroupId and EdgeNodeId to same device channel when client type is EoN node - Revision 1 - NDEATH
Minor Feature	MQTTspB	Now value, quality and timestamp of events are used when publishing tag objects
Minor Feature	MQTTspB/Driver	Improved log message for debugging NBIRTH/DBIRTH message
Performance	MQTTspB/Driver	Improved performance when using big tag arrays with MQTTspB
Minor Feature	OPCUA	Driver now accepts array element without index in Device > Points > TagName; Array elements will be mapped to addresses automatically.
Minor Feature	OPCUA	Created new options "CertificateDomainMustMatch" (Default: false) and "BranchSeparator" (Default: '.' (dot))
Minor Feature	PropertyWatch /TRichClient /TSmartClient	Implemented auto scrolling of treeview while expanding node
Minor Feature	RemoteAssets	Enabled RemoteAsset register in block when using MQTT and CanaryLabs objects
Minor Feature	RemoteAssets	Added trace message when receiving changed values with RemoteAssets
Minor Feature	RemoteTags /RemoteAssets	Now Express projects also can use RemoteTags/RemoAssets methods of Client namespace (Ex: Client. RegisterAssets)
Minor Feature	SNMP.CellEditor	Added configurable Community field in Devices > Nodes of SNMP driver.
Minor Feature	SNMP.Driver	Added ReadGroup support to SNMP driver

Minor Feature	TK	Created new methods on TK: "AddTagAndDevicePoint", "StartOnlineConfig" and "FinishOnlineConfig" in ProjectDB class
Minor Feature	TMQTTBroker	Added port number in tooltip of tray icon bar
Minor Feature	TraceWindow	Now modules DataSet, Device and Display are initialized for tracing messages when project is created.
Minor Feature	TServer/TRunModule	Symplified process and usability when working on Docker (Windows)
Minor Feature	Tundra	Updated Tundra SDK to acess the Tundra historian.