



Adroit Lite

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Introduction

Following market demands, Adroit Technologies has introduced a reduced functionality, low-cost version of the highly successful Adroit SCADA Software to the market.

The focus is the machine builder's simple process requirements that do not require the capabilities of the full Adroit SCADA software. However, unlike most competitive stand-alone solutions, the Adroit Lite allows users to license up to 2 remote clients. This allows the user to have more visibility into the machine or plant being controlled, as well as being able to change the project remotely.

Designing in the Adroit Lite Software is made easy with the Adroit Lite tools:

- The Project Creation Wizard
- Navigation Templates
- Wizards
- Shapes

In addition, the Adroit Lite Software supports simultaneous connections to over 100 different field devices.



Adroit Lite Features

Based on the Adroit SCADA Software architecture the users have access to various Agents when configuring the Agent Server, allowing a more object-oriented approach to configuration.

Users are therefore not limited to the simple tag-based configuration but have access to the full power of the Adroit SCADA, including unlimited alarming, logging, scripting, and interaction to the database that allows for a far more flexible and powerful solution.

Scripting Supported

The Adroit Lite Agent Server allows the user to create VB/Java scripting and the Smart User Interface offers full support of VB.net and C# for more advanced requirements.

Communication Capabilities

Apart from offering communications capability for all of the Mitsubishi range of PLCs, Adroit Lite is shipped with most of the standard PLC drivers. However, licensed drivers need to be purchased separately.

Data Logging

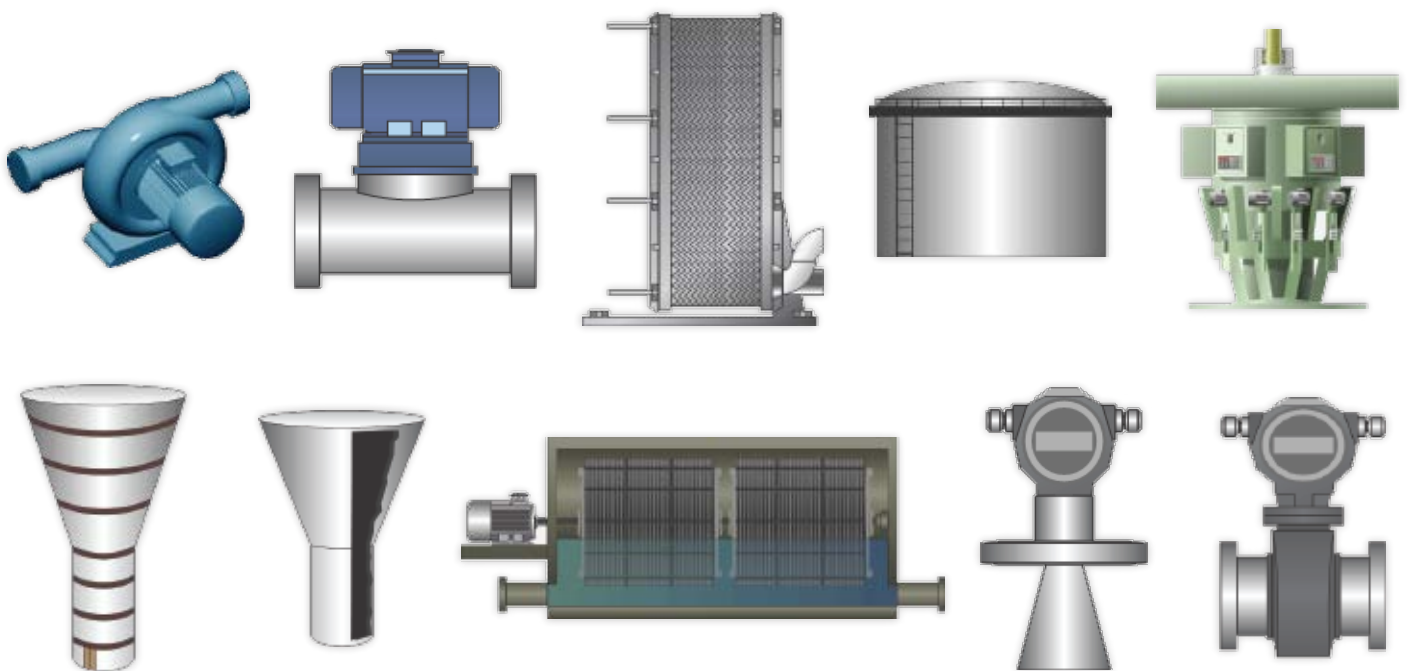
Adroit Lite features a standard and highly efficient native logging system for unlimited trending and data logging to a SQL database with no limitations or additional costs.

IPC and OEM Bundles

Adroit Lite can be loaded onto any supported Windows-based IPC system and used as an OEM system for any market.

Library of Graphics

The Adroit Lite includes the standard Adroit SCADA graphic library and ships with over 300 static and dynamic objects. Users can design their wizards and templates, reducing engineering and commissioning time.



Navigation Template

The Adroit Lite Agent Server allows the user to create VB/Java scripting and the Smart User Interface offers full support of VB.net and C# for more advanced requirements.



Multi Operator/View Client Connections

For more visibility and access to a user's process, up to 2 remote clients or Performance Anywhere clients can be purchased to connect to the Agent Server.

Performance Anywhere Client

The Performance Anywhere client can be added and implemented to view the important process information. You can now see important information on your mobile device while on the move.

Mobile Gateway

Giving you secure remote access on any device anywhere.

Batching and Recipe Project

Adroit Lite is extremely powerful and integrates seamlessly with Databases so building a Batching solution is relatively easy.

The Adroit Demo includes a sample solution that users can expand on to meet their requirements.

- Username: onlinedemo
- Password: demo

Easy Upgrade Path

Adroit Lite can be upgraded seamlessly to the Adroit SCADA Software or MAPS versions by simply upgrading the license.

Adroit Lite Software Licencing

Adroit Lite licensing is available in:

- 30 Scanned Points
- 75 Scanned Points
- 150 Scanned Points
- 300 Scanned Points
- 750 Scanned Points
- 1500 Scanned Points

The Agent Server is licensed for each I/O scanned from a PLC. A local Development and Operator license is included with each Adroit Lite product.



Agents

Adroit configurations are made up of one or more collections of intelligent, cooperating objects known as Agents. An Agent is said to be "intelligent" because, in addition to containing "state" information as would a conventional database "record" or "structure", it also embodies "action".

Adroit Lite consists out of the following Agent Types:

- Primitive Agent Types
- Basic Agent Types
- Advanced Agent Types
- MES/MIS Agent Types
- IT Agent Types
- System Agent Types

Primitive Agent Types

Primitive Agents are used for gathering, handling and processing data to and from the physical external world, however they offer limited value add and are limited in functionality when compared to even the Basic Agents.

- Boolean Agent
- Text Agent

The following Agents are excluded with Adroit Lite:

- Integer Agent
- Real Agent
- Frame Agent

Basic Agent Types

Basic Agents are used for gathering, handling and processing data to and from the physical external world. Together these form the basic building blocks of a system.

- Analog Agent
- Digital Agent
- Counter Agent
- Date Agent
- Expression Agent
- Timer Agent
- String Agent
- StringList Agent
- Marshal Agent (**Please Note:** that with Adroit lite a single Marshal Agent consumes 16 Scan Points)

The following Agents are excluded with Adroit Lite:

- MultiState Agent



Advanced Agent Types

These provide the powerful SCADA and integration functionality which allows the basic Agents described above to be flexibly grouped, scripted and routed to external databases, as well as presenting related information to the user in event logs, etc.

- AgentGroup Agent
- Alarm Agent
- AlarmList Agent
- Command Agent
- DBAccess Agent
- DBLog Agent
- DBQuery Agent
- EventLog Agent
- EventOutput Agent
- MultiMedia Agent
- Notify Agent
- Script Agent
- Shift Agent
- Statistical Agent

The following Agents are excluded with Adroit Lite:

- AlarmManagement Agent
- ARec Agent
- Recipe Agent
- Shift_Adv Agent
- Scheduler Agent

MIS/MES Agent Types

These Agents are the building blocks around getting more from your Adroit system. They are very specific and usually quite complex Agents used to do monitor, control and solve higher level shop-floor and general industrial challenges.

- Accumulator Agent

The following Agents are excluded with Adroit Lite:

- OEE Agent and the Enterprise OEE Agent
- PID Agent
- MaxDemand Agent

IT Agent Types

These Agents are the building blocks around integration and management of SCADA and IT

- PerfMon Agent

The following Agents are excluded with Adroit Lite:

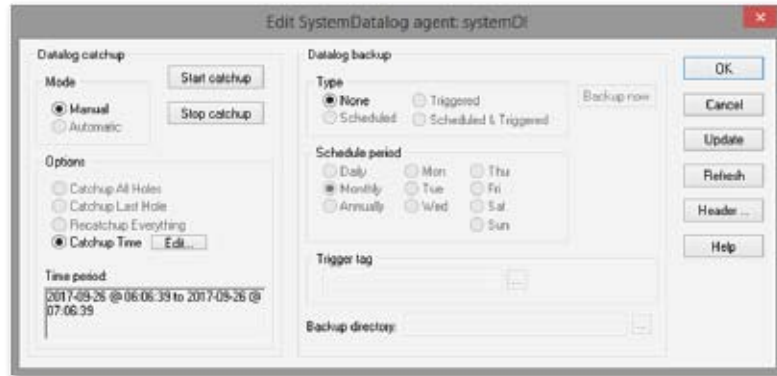
- Audit Agent
- DumpConfig Agent
- ICMP Agent
- SNMPPMgr Agent



System Agent Types

System Agents are used internally by Adroit to perform certain SCADA and other specific functions. Instances of these Agents are created automatically and cannot be added manually by the user.

- SystemDataLog Agent
- Alias Agent
- DataLog Agent
- Device Agent
- Other System Agent



Talk To Us

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