



Standard Report Suite

The Adroit Report Suite is a value-add information system based on specific Adroit agent data logged to an OLE DB database.



Introduction

The Adroit Report Suite is a value-add information system based on specific Adroit agent data logged to an OLE DB database. Information is presented in the form of web-based reporting through the Microsoft SQL Server Reporting Service platform. The technology is distributed as a free add-on solution to Adroit SCADA.

The suite consists of report packs and a Report Deployment Utility. Each report pack includes a set of reports specifically designed to report relevant and accurate information on the Adroit system and Adroit agents.

Key Features and Benefits

1

Web based Reporting

No front-end software required:
Just double click on your Adroit Report Suite shortcut.

2

User-defined Reports Schedule

Reporting parameters and settings can be defined by individual users based on requirements.

3

Easy Report Deployment

Managing report deployment and SQL update scripts made simple with the Adroit Report Deployment Utility.

4

Export Report Data

All reports can be easily exported to Excel, Word, MHTML (web archive) or PDF format.

5

Drill through Reports

Drill through from summary reports into more detailed report at the click of a button.

6

Windows Authentication Security

IT Administrators can give individual users or groups access and rights on any report or folder.

7

Open Technology

Built-in standard Microsoft SQL Reporting Services allowing users to customise and create new reports on Adroit data.

8

Flexible Analysis

Analyse on different hierarchy levels with dynamic filter sets.

9

Printer Friendly Reports

Generated reports can be printed fully with all relevant details, including page breaks.

10

Demo Data

No front-end software required:
Just double click on your Adroit Report Suite shortcut.

11

Off the Shelf Reporting

All reports have been pre-configured. simply enable the required Adroit logging mechanism or Adroit SCADA intelligence.

Adroit Report Suite Components

Database Platform

The Adroit Report Suite is built on the Microsoft SQL Server 2008 R2 database platform with SQL Server Reporting Service (SSRS). Adroit is now shipped with SQL Server 2014 Express with Advanced Services (SSRS) and with the Adroit Report Suite. The Adroit Report Suite is a free add-on, although some of the report packs are based on data from licensed Adroit agents.

Report User Interface is Internet Explorer

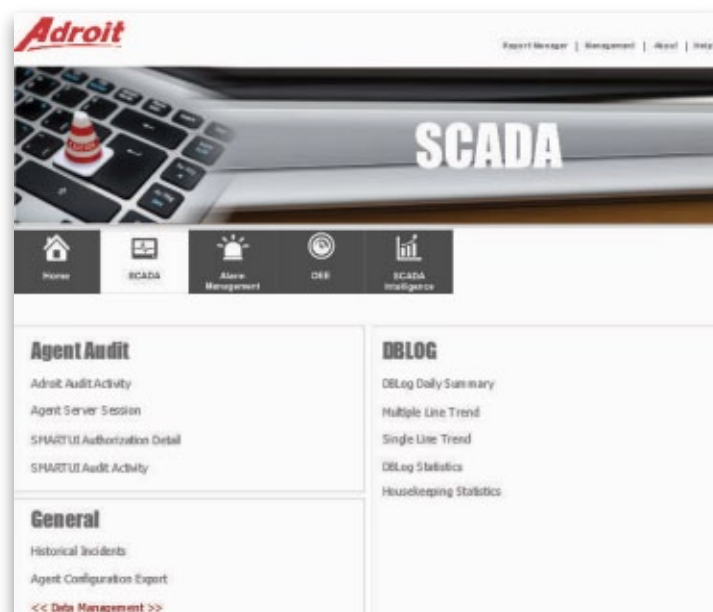
The Adroit Report Suite front end is essentially a set of switchboard reports (built-in SSRS) used to navigate between report sets and to select which reports viewing. Each set of reports are based on a standard Adroit logging mechanism such as the Alarm Management agent, the DB Log agent, and also the Adroit Agent Server auditing.

Adroit Report Deployment Utility

The Adroit Deployment Utility is shipped with the Adroit Report Suite and has been developed to assist with report pack deployment and also running of the latest updates scripts should this be required.

Data Sources

Each set of reports has a SQL Data Source. This data source is the actual database that the reports will extract data from to present to the end-user. It is possible to change the data source to another valid database at any point (i.e. alarm management reports must be linked to an alarm management database), including connecting to the demonstration dataset installed with the Report Suite. The data sources can be managed through the Adroit Report Deployment Utility.



Standard Adroit Report Packs

The Report Sets are developed and distributed as report packs, which require installation and deployment to the SQL Reporting Server.

A Report Pack is a combination of Reporting Services Reports, Data Sources, Components, and Resources all in one manageable “pack” which is made available as installation files for easy installation.

Each of the products within the Adroit Product Suite has a standard set of reports.

DBLog Reports

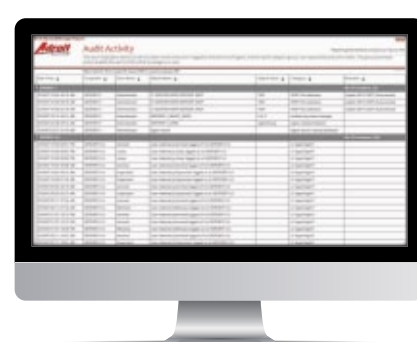
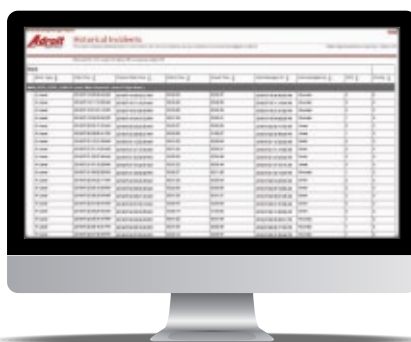
- DBLog Reports
- DBLog Daily Summary
- Multiple Line Trend
- Single Line Trend
- DBLog Statistics
- Housekeeping Statistics

General Reports

- Historical Incidents
- Agent Configuration Export

Audit Reports

- SCADA Session
- SCADA Audit detail
- SmartUI Automation detail
- SmartUI Audit Activity



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