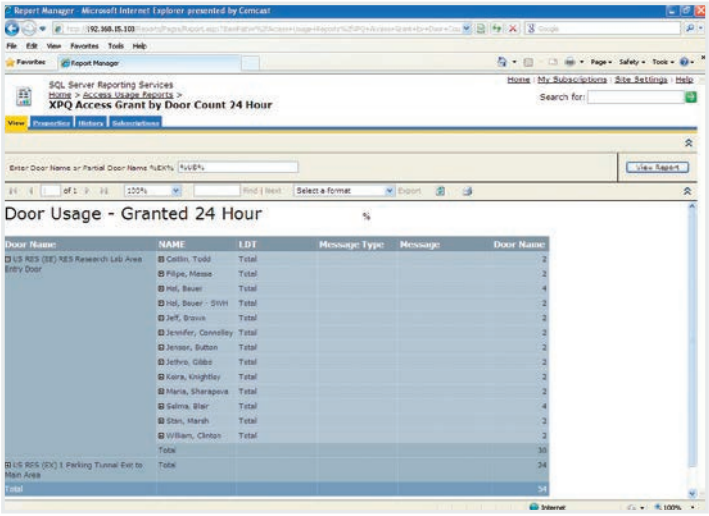
tyco | Software House

Data Sheet

Business Intelligence Reporting Suite
Turning Business Intelligence into Security Intelligence



Key Features

- Intuitive user interface and web-based reporting for C·CURE customers
- Share and blend data from other sources to yield critical business information
- Leverages Microsoft® Business Intelligence (BI) tools
- Utilizes the latest Microsoft SQL databases for the latest features and technology and SQL Reporting Service for report delivery and presentation
- Time interval synchronized replication of C·CURE 800/8000 database and journals to provide data warehouse shared with other applications
- Reporting and processing can be performed from the C·CURE host
- Web access and email delivery options
- Subscription options for automated delivery of reports
- Dashboard, graphical, and statistical reports, and reports customized by user
- Users can subscribe to reports for delivery (requires SQL Reporting Services)

Information is Power

Your business has information everywhere. Information about people, policies, ideas, money... That kind of information is what drives a business' success – or its downfall if not harvested, organized, and managed properly. Particularly when you are talking about enterprise business and security intelligence.

Business Intelligence = Security Intelligence

The Business Intelligence Reporting Suite (BIRS) from Software House offers the latest in reporting and data warehousing for C·CURE 800/8000, and web-based reporting for C·CURE 9000. The suite includes several popular pre-written reports, such as 24 Hour Journal Messages, 24 Hour Trouble Messages, Graphical Usage and Count of Door Group and the open system procedures allow the reports to be written and saved for repeat use.

BIRS provides an extremely interactive user experience via any standard web browser, allowing you to scrutinize the information without needing to print or review hard copies.

In addition to web-based reporting, BIRS allows the enterprise to share and blend data from other sources such as ERP and Time and Attendance systems to yield critical business information and reporting.

While browser-based reporting is part of BIRS, it is not the only method of providing information to users and other systems. Through the power of Microsoft SQL and reporting services, many other information delivery options exist such as email, CSV export, PDF export, XML data transfer, or database pool offerings.

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Key Features (cont.)

- Reports generated by any PC with compatible Web browser without C·CURE Client software
- Data offered and secured via Active Directory and SQL permissions
- Optional front end or other application integration including SharePoint

Using Enterprise-Class Technology for Superior Results

BIRS was developed using the latest Microsoft SQL databases and advanced services delivering enterprise-class integration and business intelligence methods for the production and delivery of information across an organization.

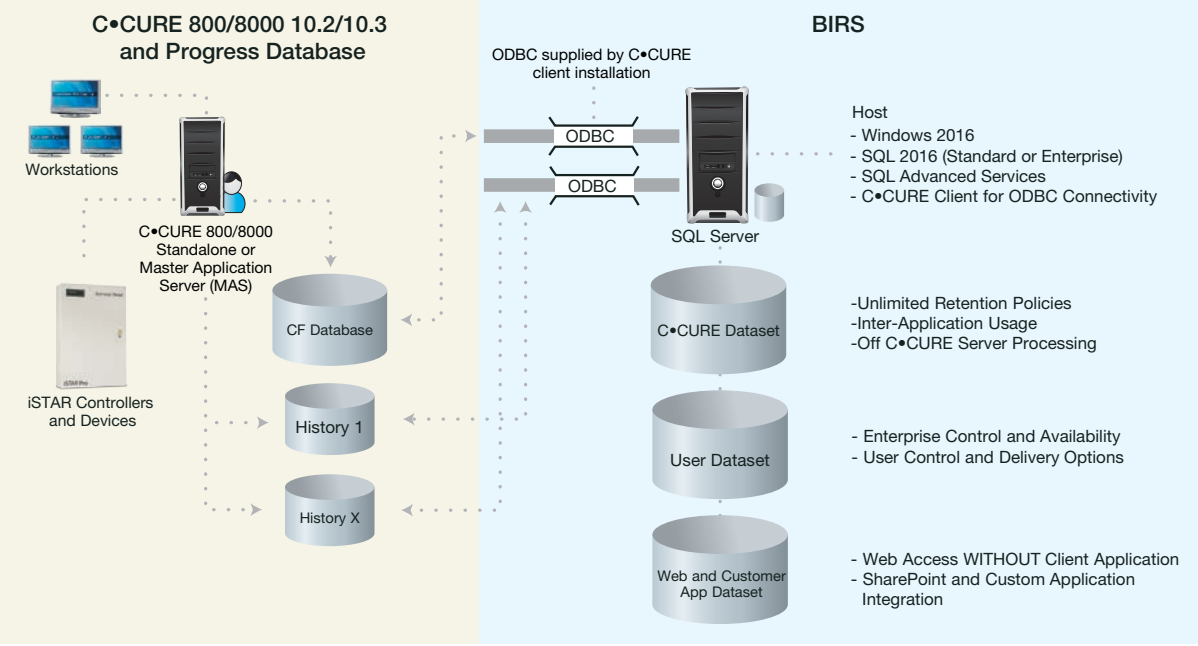
BIRS connects to C·CURE via standard ODBC client methods to perform time interval harvesting of both the C·CURE configuration data as well as the C·CURE transactional journal data. This allows for lightweight sampling of the C·CURE server without loading C·CURE to process the actual reports. This distributive computing model also allows multiple users to run reports off of the SQL dataset without taxing the C·CURE server for multi-user report processing. Additionally, the data warehouse can be used by custom applications or with SharePoint integration.

Reports can be ordered and produced through Software House, or can be written by any user with SQL knowledge and experience.

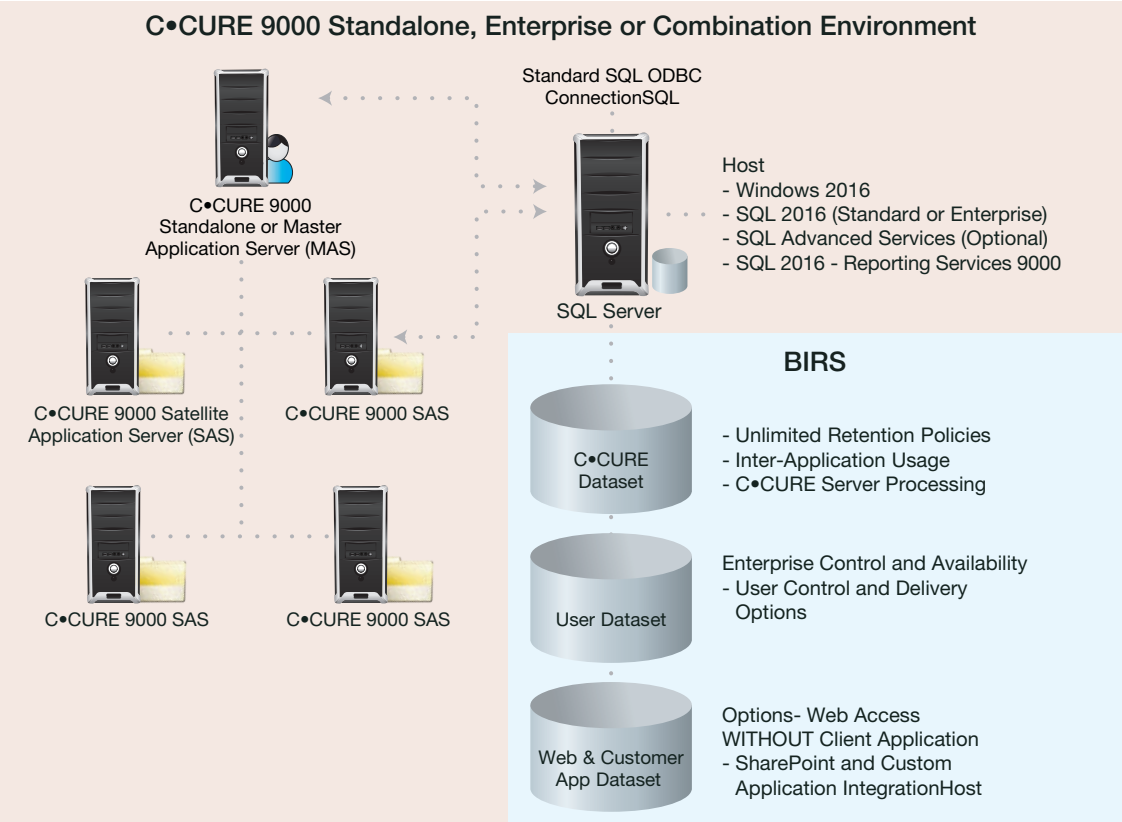
Using BIRS in Standalone C·CURE Configurations

BIRS uses standard SQL and C·CURE ODBC connectivity to merge the Reporting System and C·CURE systems together. In addition to the logical diagram below, other ODBC-based systems can be integrated to deliver a unified reporting system. It's important that these systems have similar connections and relational database functionality. By using standard tools and processes, the Business Intelligence Reporting Suite can connect to C·CURE 800/8000 version 10.x. BIRS can also connect to one or more C·CURE 9000 system, providing data and reports across an enterprise systems to allow segregated reports that only use satellite application server (SAS) data or can be pointed at the master application server (MAS) for truly distinct and data specific web-based report generation.

C·CURE 800/8000 with BIRS



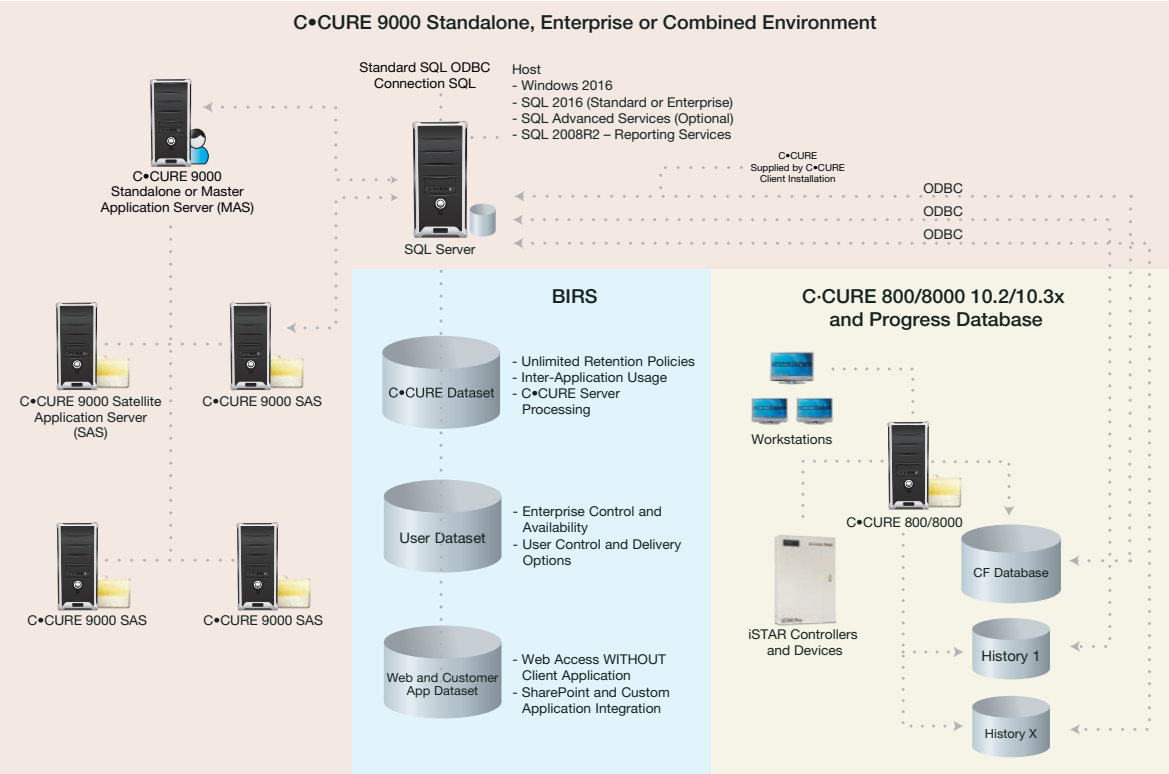
C·CURE 9000 with BIRS



Using BIRS in a Unified C·CURE 800/8000 and C·CURE 9000 Configuration

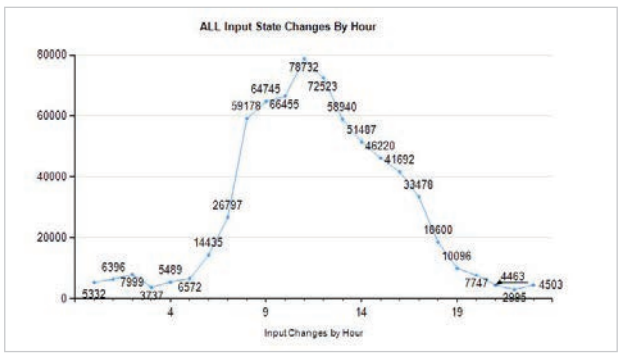
BIRS allows you to bridge and unify data from both C·CURE 800/8000 and C·CURE 9000 that will yield one comprehensive report. This allows you to run a report on an individual or individuals, and have the report contain current C·CURE 9000 system data as well as C·CURE 800/8000 harvested system data. The bridging of reporting data across systems allows a single report to provide results during migration from C·CURE 800/8000 to C·CURE 9000, or in a mixed application environment. The reporting platform allows the C·CURE 800/8000 history to be input into the SQL environment and available for extended retention periods without retaining functional C·CURE 800/8000 system(s) simply for archived reports. This model bridges a gap between C·CURE 800/8000 reporting and C·CURE 9000 reporting, while offering a unified and extended data warehouse model.

Mixed Configuration of C·CURE 800/8000 and C·CURE 9000 with BIRS

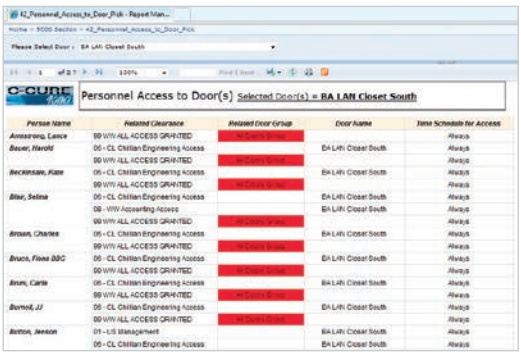


Dashboard Views and Intuitive Interface for Business Enabling Reports

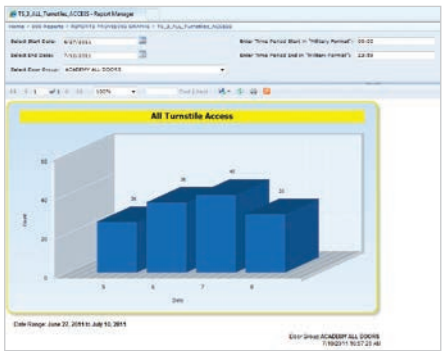
Statistical Reporting



Enhanced Graphical Themes



Conditional Color Definitions



Enhanced Graphical Themes

Specifications

The following is a general guide for the requirements to host the Business Intelligence Reporting Suite. All computing requirements for processing and storage are largely determined by the customer's requirements for storage and concurrent user access. A dedicated server is required for BIRS since Reporting Services can consume a large amount of memory.

Processor	Intel Xeon Quad-core E3-1240 (3.3 GHz or greater)
Memory	24GB RAM or greater
Hard Disk Space	Minimum = 100 - 250 GB Primary drive = 200 GB (SQL runtime) Secondary drive = 200 GB (SQL data) 200 GB (Logs and Temp DB) Separate spindles per Microsoft
Drive Speed	15K RPM or greater
Operating Systems	Windows Server 2016
Network Adapter Card	1000 MB/sec
Video Card	Dedicated 256 MB accelerated video card
Database	SQL 2016 (Standard or Enterprise)
Client Software	C•CURE Client software for Progress ODBC Connect Driver Software (C•CURE 800/8000 system only)

Note: C•CURE 800/8000 v9.4 is supported. However, contact Smart Services for a server build due to 32-bit limitations with the ODBC driver.

About Johnson Controls

Johnson Controls is a global diversified technology and multi-industrial leader serving a wide range of customers in more than 150 countries. Our 120,000 employees create intelligent buildings, efficient energy solutions, integrated infrastructure and next generation transportation systems that work seamlessly together to deliver on the promise of smart cities and communities. Our commitment to sustainability dates back to our roots in 1885, with the invention of the first electric room thermostat.

For additional information, please visit www.swhouse.com or follow Software House on LinkedIn, Twitter, and Facebook.

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