



Sentra for SafeSign Authentication Server








Insider has created a Sentra module that provides real-time monitoring of all the elements of a SafeSign Authentication Server (SSAS) cryptographic environment, including the applications, the SSAS Daemon and the cryptographic devices.

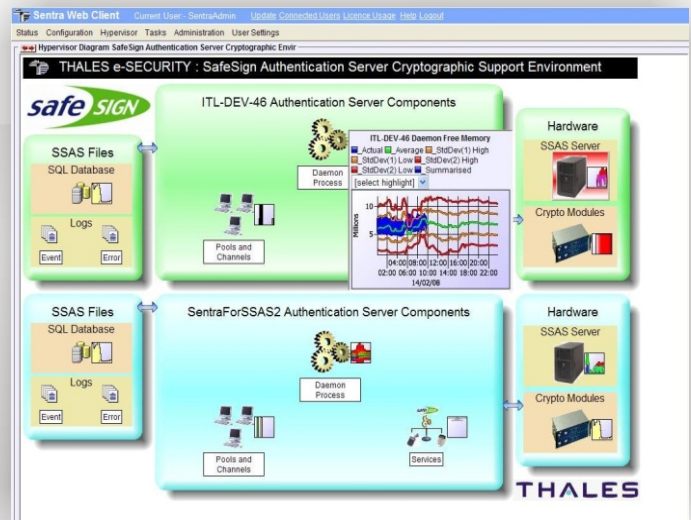
This Sentra module will maintain a centralised database of performance data from one or more SSAS environments and analyse the information in real-time. The outcome of the analysis will be a collection of web views that represent the environments being monitored and show real-time performance information, service level alerts and graphs representing the behaviour of nominated metrics, and management reports to help set and achieve Business objectives for the SSAS service.

The Sentra database can provide a wealth of intra-day or longer term Cryptographic Management reporting using standard SQL reporting tools such as Microsoft SQL Reporting Services™. An example report would be to trend a SSAS Channel's throughput during a calendar month.








When an alert has been generated, for example pool utilisation for a specific channel has met the maximum configured pool size, then the full details of the alert, including the performance counter values, the rule criteria and cause, effect and recovery information can be displayed.

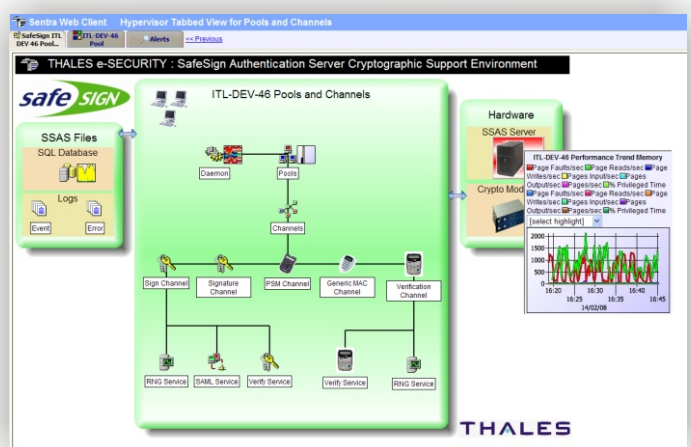
Extraction agents in Sentra can:

-  Read the contents of any SSAS log
-  Read log file and table information directly from the SSAS SQL Database
-  Read JMX performance counters and attributes from the Daemon process
-  Read hardware performance data, subsystem performance data such as SQL Server performance metrics, and event log information
-  Poll the cryptographic devices at a user defined interval and retrieve performance data relating to device memory status and certificate storage



The benefits of implementing Sentra for SafeSign are:

-  Single Point of Contact for Monitoring & Alerting on your Cryptographic Environment
-  Restricted Access to Sentra Functions
-  Simple Access to Disparate Data
-  Real-Time Alerting to Potential Issues
-  Automated Issue Resolution
-  No Access to Sensitive Information
-  Performance



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