SI Suite 6

Easily create and run powerful applications to gain actionable insights from all relevant data.

SI Suite is a comprehensive integrated platform for developing, running and administering powerful applications that enable decision-making driven by advanced analytics.

Advanced analytics, configurable rich visualizations, alarms, alerts and results from external analytics algorithms are seamlessly combined into holistic views. SI Suite and the applications it runs complement and enhance your existing business and operational systems by leveraging the data those systems produce and present it in context to users.

SI Studio

SI Studio is a powerful visual development environment for assembling data, analytics, and alarms into intuitive situational intelligence applications. Developers, business users, business analysts and data scientists collaborate to rapidly create visual analytics applications.

SI Viewer

SI Viewer brings data from any source, analytics and alarms to life through maps, charts and numerous other visual formats. End-users benefit from a configurable environment that focuses attention on critical items.

SI Server

SI Server executes applications defined in the SI Studio and renders the output in SI Viewer by facilitating correlation and the analysis of data from multiple sources across space, time, and network nodes.

Why SI Suite

- Visual Application Development - Best practices and reusability drive developer productivity. No programming skills are needed to rapidly build prototypes.
- Operational Analytics - Analytics results are available on-demand; no more need to initiate job requests and wait hours or days for results.
- Optimal Outcomes - Advanced analytics and at-a-glance actionable insights drive the best possible outcomes.
- At-a-glance Actionable Insights - Intelligence-driven visualizations and alerts focus attention to enable decisive action.
- Harness the Internet of things (IoT) - Capture, analyze and act on data streaming from IoT devices.
SI Server

SI Server is the heart of the platform. It facilitates the correlation of data from any number of static and streaming sources, interacts with analytics algorithms, and runs scheduled jobs. SI Server includes:

- A pluggable data source adapter framework for connecting to multiple data sources (PI, SAP, HANA, Hadoop/Hive, any JDBC database, etc.)
- Integration with any type and variety data: streaming data, big data, unstructured data as well as results from other analytics software
- Spatial, temporal and network (nodal) analysis of data and visualizations
- A Spark Streaming interface to capture and analyze live data from IoT devices in real-time
- Fast analytics processing made possible by in-memory processing
- Execution of on-demand and scheduled jobs
- Administering console for defining application, user and system access and all other settings
- Interfaces to leading analytics technologies, including Spark, Scala, R Server, Python
- Context sensitive help, tutorial and training
- The ability to run on off-the-shelf hardware either on premise, in the cloud, or hosted by us

To find out more about Nokia IoT analytics driven applications, visit https://nokia.ly/IoTapplications.