



Access Control and Visitor Management

The U.S. Secret Service's mission to provide security for our federal offices is becoming increasingly challenging. In particular, providing proper access control and visitor management for an executive function or event is difficult due to antiquated technologies and processes. Information systems are old, they do not communicate and share information, a single view of a visitor is not achievable, and processes do not exist to enable Secret Service Agents to see the information that they need to do their jobs.

Creating a single view of a visitor and delivering the information in real time is the biggest challenge. Numerous technological capabilities must come together to accomplish this goal, including:

- Accessing disparate information systems.
- Integrating data with different formats.
- Automated rules processing to filter data.
- Automated business process management.
- Delivering data to diverse consuming applications.

THE COMPOSITE SOLUTION

In many situations, the Composite could serve as the sole data integration solution required to provide the access control and visitor management capabilities that the Secret Service require. Composite enables federation of disparate data from multiple disparate systems that contain people data and integrates the data into a single view of a visitor and delivers the information to a dashboard for the Secret Service to make precise decisions and take immediate action.

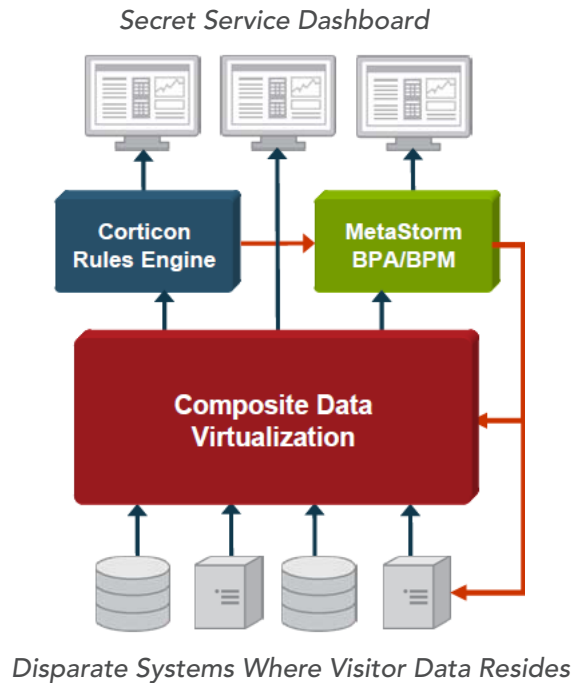
The Composite Data Virtualization Platform leverages best practices principles including abstraction, decoupling, reuse, and more, while also supporting a range of internal and industry data standards to enable visitor data sharing in a simpler, faster, and more consistent manner. Composite supports several enterprise data sharing patterns so the Secret Service can flexibly use disparate data about guests to provide appropriate access control and visitor management.

Composite capabilities for access control and visitor management include:

- Optimizing real-time integration of people data from various sources.
- Transforming diverse data formats to match consuming applications requirements.
- Delivering up-to-the-minute visitor data to agents on assorted applications and devices.

BENEFITS & ADVANTAGES

- **Agile architecture** - enables a complete access control and visitor management solution.
- **Easy to add** - people, devices, data sources and consuming applications.
- **Short deployment time** - for quick time to solution.
- **Reduced custom development** - reduces project risk and complexity.



COMPLEMENTARY TECHNOLOGIES

In other situations, Composite could be in conjunction with complementary technologies such as a business rules engine from Corticon and/or a business process automation and management system like Metastorm to provide a comprehensive access control and visitor solution. An integrated solution from the three technologies would have the following architecture and data flow:

1. Composite Data Virtualization

- Accesses visitor data from multiple disparate systems.
- Integrates data to provide meaning and context.
- Delivers combined data to:
 - Dashboard directly for immediate consumption.
 - Rules engine (see below).
 - Business process automation or management system (see below).

2. Corticon Rules Engine

- Filters data from Composite to reveal potential unwanted visitors.
- Evaluates data using rules and determines possible action.
- Data could be delivered to dashboard directly or sent to BPA/BPM for further processing.

3. MetaStorm BPA/BPM

- Automates steps that may be required to determine status of visitor.
- Manages multiple steps required to process the data.
- Send data to a dashboard for consumption or back to various systems as part of a more complex business process.

4. Dashboards

- Represents a variety of applications and devices that agents could use to see visitor data and take action.