



Integration

Managing seamless data integration

Benefits

- Asset management data for decision making is:
 - up to date
 - complete
 - accurate.
- Staff can focus on more value adding work instead of collating or manually adding information from different data sources for decision making.
- Asset owners and decision makers can have a comprehensive real time view of their organisation from an Asset Management perspective from their EAM system.
- Maximise the value of data gathered through different systems and devices.

A modern Enterprise Asset Management (EAM) software solution plays a key role in the successful implementation of a comprehensive Asset Management System. This EAM solution usually consists of a number of systems that should be integrated seamlessly. Furthermore, this EAM solution should effectively integrate with other information management systems such as finance, human resources, materials management, manufacturing execution, customer relationship management and condition monitoring.

The effective integration of these systems plays a key role in the digital transformation of a client's Asset Management System and care should be taken to select a flexible and robust integration solution and software applications with the necessary Application Programming Interfaces (APIs) to support integration. Pragma support this requirement through the On Key Integrate platform and an extensive web services API.

Concerns Addressed

- My systems do not 'speak' to each other.
- Manual integration processes are error prone and time consuming.
- My equipment is at risk because the decision making information is outdated.
- Our organisation does not have the expert knowledge to implement seamless integrations.
- The network architecture and/or server configuration prevents us from integrating different systems/applications.
- I am concerned about information security and On Key data integrity.
- The integration may fail without me knowing about it.



Integration

Managing seamless data integration

Key Features

The On Key 5 integration solution consists of the following:

- An import/export SOAP web services API through which the business objects in On Key can be accessed directly by other applications. This allows clients the maximum flexibility to establish On Key integrations with other systems.
- An Integration Platform, namely On Key Integrate, powered by the Dell Boomi® integration platform technology that allows the development of robust integrations using off the shelf connectors and custom built integration workflows.
- A managed integration service that manages the development, monitoring, maintenance and support of integrations through the Dell Boomi Atomsphere® that forms a key part of the On Key Integrate.

The On Key 5 API have the following characteristics:

- Implemented as SOAP web services.
- Import web services supports synchronous and asynchronous operation.
- The export web service relies on user definable (Analyser) queries loaded into On Key.
- The same On Key business logic is applied for user interface entries.

On Key Interfacing Capabilities

The illustration gives a summary of all the information integration options that could be used with On Key.

