SPM Assets™ Web Services module is an Application Programming Interface (API) that enables you to seamlessly connect with your existing corporate systems and transfer component, works, property and planning data.

The Web Services Module enables the exchange of information in a way that is specific to your business needs. If your organisation has new or existing software (e.g. financial or property management systems) that you want to integrate with SPM Assets' Software, then Web Services enables you to make the connection.
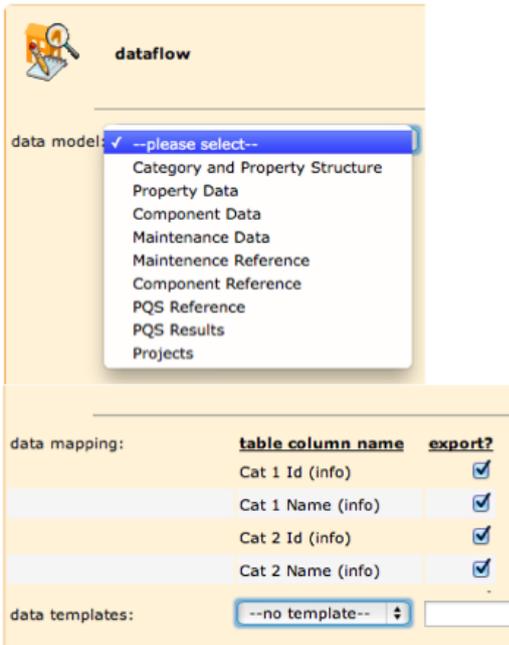
SPM Assets has created a number of standard APIs that can provide a one way or a two way connection. These include:

- Property level including addresses, valuations, commentaries, and calculated results such as Condition Grade Index (CGI).
- Hierarchies that tie the property records together and maintain the facility data model, i.e. site, building, floor, zone and room.
- Asset References including component names, base lives, unit rates, and criticality.
- Component data that includes the actual results from the property assessments such as condition grades, quantities, confidence grades, make, model, bar codes, and GPS locations.
- Planning results such as work-requests, maintenance schedules, and planned projects.

> "Build the best asset management system by connecting SPM Assets to your existing systems."

The APIs provide the ability to build a total asset management solution that brings together the operations, tactics and strategies. Where your existing systems remain to manage work programmes and provide the financial information, the Web Services module provides the asset information management capability alongside the asset and project planning functionality.

This means that you can gain immediate value from SPM Assets from day one knowing that the information will be transferred to the corporate asset management system (as the 'source of truth').

SPM Assets provides a service to determine your business needs so that the relevant APIs are implemented. It could be that you may specifically need a new API that will need to be developed. It's also possible that you may only need the DataFlow function available through the Advanced Data module – where the Web Services is the ideal solution to link systems, a simple DataFlow model could be all that you actually need.

We have already connected to a number of other ERP systems, maintenance systems and asset management systems including systems that have been built in house by client-organisations. As long as the system provides or is able to implement APIs, and there's a good business need, we can connect. In fact, it's absolutely essential to connect the systems because it connects the business processes that makes the asset management process work. With a connection, data can be updated as work is completed.

Planning in SPM Assets can be passed seamlessly to the corporate systems for implementation. A full history of each building can be stored in SPM Assets. This will provide the input for the 'asset intelligence' process where real tangible comparisons and benchmarking can be achieved.

Key benefits

- Enables you to enhance your existing applications through accessing the intelligence you are building within SPM Assets.

- Provides an automated process that will ensure data is both maintained and used.

- Ensures a robust connection to existing systems and maintains the integrity of the databases.

- Enables real tangible comparisons and benchmarking – historic costs compared to asset values.

- The connections have already been made – off the shelf web services.

If you select this module you might also want to consider the following Modules to pass information to and from your corporate systems:

- Maintenance Planner; lock down your schedules and send data to…
- Advanced Reporting; compare and benchmark by receiving data from…
- Works Planner; create a detailed programme of projects and send data to…
- Works Schedule of Rates; scope the detailed projects and send data to…
- Advanced Data – hold and report the data received from….
- Advanced security; allows the extra layer of security to ensure the right people are seeing the right data.

Contact us today for more information:

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