

**Sheraton Four Points, Sydney, Leads the Way in Management and Control of it's Facilities Management, Workflow, Energy Management, Security and Building Efficiency**



Overlooking colorful Darling Harbor and on the edge of Sydney's bustling central business district, the hotel is just a short walk to an array of entertainment venues and shopping areas. As Australia's largest contemporary hotel, Four Points by Sheraton Sydney offers an extensive range of facilities with 643 rooms, 47 of which are suites.



Sheraton Four Points implemented the NIAGARA FRAMEWORK and the MWebCentral FM Application Suite by Tridium to support its internal operations, reduce energy and running costs and to improve guest comfort and services.

**About Sheraton Four Points Hotel, Sydney, Australia**

- Benchmarking efficiency and energy management
- Customer focused organization
- Combining leading workflow practices and efficient management and control
- A special focus project, leading by example the use of IT and efficient electronic management of it's facilities and guest management services

**Project requirements**

- An open platform with real enterprise connectivity and a Web Portal IT based, thin-client browser based (with no special software required by operators and users to connect to and use the software applications). Seamless customized interfaces to the Fidelio guest management system, lighting systems, paging systems and LON based intelligent guest room controllers
- Support for Oracle and XML reporting
- A Maintenance Asset Management system which will operate with Barcode readers, hot WiFi database Sync, comprehensive inspection module, seamlessly integrated with the BMS and Help Desk and enterprise connectivity for asset depreciation calculation for the corporate accounting system.

**Airmaster and Tridium provided the Niagara Framework as the total FM integration solution**

- Integration of all building systems into a single easy to use IT intranet web portal
- Efficient management software modules for Lighting, Guest Management, Help Desk, Knowledge Base, Maintenance and Energy Management
- Reliable Web Portal IT based distributed architecture

**Benefits for the Sheraton Four Points Management**

- Safe and comfortable working environment and efficient management and control
- A single web enabled IT and java based
- A thin client browser based software package which reduces the cost of software maintenance and avoiding unnecessary complexity.

In order to achieve this goal, Sheraton Four Points required a system that was a Web Portal IT based, thin-client browser based (with no special software required by operators and users to connect to and use the software applications) and also included customized interfaces to their Fidelio guest management system, lighting systems, paging systems and their intelligent guest room control systems. In addition, a seamless interface was required for a corporate web based Maintenance Management system and Help Desk.

Sheraton Four Points also chose the implementation of Tridium's E2 Energy Profiler and Cost Profiler application suites. These applications will profile energy and utility usage, check Meter readings and bills and also provide a link to the main FM portal to the Tridium Tennant Billing module.

All systems had to be capable of being interfaced to the Starwood Financial systems and Oracle 10 database.

Finally, Sheraton Four Points management were concerned about the potential obsolescence of Legacy Building Control Systems and the possibility of being 'locked-in' to just one supplier. Instead they now have an Open IT based architecture which guarantees the longevity of their Building Control Systems, Assets and business related processes.



***"We are very pleased with the final solution that has been provided by Tridium. It is the first time that we have seen a truly complete web based enterprise FM solution. The MWebCentral FM suite is very flexible and the cornerstone of our automation to continually be in sync with improving efficiencies, returns and total customer satisfaction".***

*Nigel Wright – Chief Engineer, Sheraton Four Points, Sydney*

### System Architecture

