# airmaster

**airmaster**

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## 01 Project Summary

The Niagara Framework enables software applications to be built for accessing, automating and controlling smart devices over the internet or intranets.



Integrated Building Management System is a difficult term to define, but that's what Airmaster and Tridium achieved when they delivered the Niagara Framework at the Sheraton Four Points, Sydney.

Sheraton Four Points, overlooking Darling Harbour and offering 643 rooms and an extensive range of facilities and services, presented a significant challenge – an integrated system was required to support its internal operations, reduce running costs and improve guest comfort and services.

## 02 Sheraton Four Points Required...

· An open platform with real enterprise connectivity and a web portal IT based, thin-client browser with no special software required by operators and users to connect to and use the software applications
· Seamless customised interface to the Fidelio guest management system, lighting systems, paging systems and intelligent guest room controllers
· Support for Oracle and XML reporting
· A maintenance asset management system to operate with barcode readers, hot WiFi database sync, comprehensive inspection module
· Seamless integration with the BMS and Help Desk
· Enterprise connectivity for asset depreciation calculation for the corporate accounting system

# Four Points Sheraton

## 03 The Solution

Airmaster and Tridium provided the Niagara Framework as the solution. This open, Java-based framework integrates diverse systems, devices and communications standards into an interoperable, Web-enabled application environment.



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*Tridium's E2 Energy Profiler and Cost Profiler application suites were also implemented, enabling energy and utility usage profiling, meter readings and providing a link to the Tridium Tennant Billing module.*

## 04 The Result

· A single reliable and easy to use IT intranet web portal integrating all building systems.
· Efficient management of software modules for lighting, guest management, help desk, knowledge base, maintenance and energy management.
· System-wide interface with Starwood Financial systems and Oracle 10 database.
· Reduction in cost of software maintenance and complexity.
· A safe and comfortable working environment and effective management and control.

## 05 Conclusions

*"We are very pleased with the final solution that has been provided by Tridium and Airmaster. 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,

## Four Points Sheraton