



Case Study

Project Management | Building Management System Enterprise Level Implementation

During the course of fast-track design and implementation of the HVAC retrofit, provision was made for basic Building Management System (BMS) functionality. Customised dashboards were developed with a building specific interface and an enterprise level interface allowing a portfolio wide view.

A design standard was developed and all newly constructed buildings were provided with a compatible BMS platform allowing a simple transition to the enterprise level platform year over year.

Advanced custom programming was undertaken to re-route proprietary system generated alarms to purge into the Client's internal trouble ticketing system whilst maintaining the essential data security firewall. By eliminating duplicity and streamlining the fault/alarm process, it ensured the building's operators received timely notification and were able to respond promptly before faults became critical.

Finally, a system of new wireless heat index sensors were trialled and installed in comprehensive and consistent manner throughout each building to ensure that heat stress could be proactively managed (Heat Index is temperature adjusted for relative humidity and gives an accurate measure of thermal comfort). Sensors were programmed to the BMS such that on a 3D floor plan of each building, the conditions could be observed, even colour coded green – amber – red in accordance with the Client's Work Health & Safety guidelines. Alarms would be triggered at amber and again at red stage.

**Note, the examples provided above were undertaken in a past role, prior to MSP. These examples serve to further detail the experience MSP bring to the table for our Clients.*

CLIENT:	VALUE:	COMPLETION DATE:	PROJECT DURATION:	DELIVERY MODEL:	SERVICES OFFERED:	Task:
Confidential	USD \$20M & Ongoing	Ongoing	4+ years (ongoing)	Negotiated	Project Management	Retrofit existing portfolio of buildings with BMS.

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