

Below VAE Group provided the Integrated Building Platform (IBP) including the common user interface and diagnostic tool.

Being built in the old railway yards in Redfern Sydney, Mirvac's South Eveleigh is being established to become one of the country's first smart neighbourhoods. The railway sheds have been restored providing functional offices and meeting rooms.

Construction of the next phases of the project is now well underway, with three new multi-functional buildings for commercial, retail and community purposes. VAE Group have been awarded the contract to provide an Integrated Building Platform (IBP) for the entire development, to provide a common user interface and diagnostic tool for all buildings and ensure optimal energy efficiency, as well as a common interface for maintenance, and building operations.

As Building Data Architects, VAE recognised Mirvac's intent and delivered on their expectations with innovative technology solutions. VAE joined the journey during the design phase, and consulted from conception through to project delivery, focusing on building the best long term solutions for South Eveleigh.

Combining information from a multitude of dissimilar building systems, the IBP allows users to see real time data through any web interface, including mobile devices. Using Tridium's Niagara IoT software platform, VAE retrieve data from multiple sources which provide complete building performance analysis. As Niagara 4 is product agnostic, Mirvac are able to take advantage of the latest technology, regardless of the supplier.

The Integrated Building Platform provides;

- One fully customised consistent interface for all building systems
- Live reports are used to track building performance
- Instant identification of the cause of faults
- A user-friendly interface to generate custom reports
- Logical analysis that identifies areas of sub-optimal performance

- Reduced energy costs and improved NABERS rating
- Reduced operator training and performance
- Improved tenant comfort
- Reduced maintenance costs
- Freedom of choice of a building services maintenance provider

From an operational perspective, building operators only require training on one system to manage services across all buildings in the precinct. System performance, and analytical reports can be generated from any web device in any location

VAE Group have delivered a complex Integrated Building Platform for Mirvac at South Eveleigh. Our specialised team of software developers, UX Designers and Integration Specialists researched smarter ways to engineer, construct and manage all building services with cutting edge technology and equipment. Resulting in a product that will not only save the client time and money in maintenance, provide energy efficiency and improve equipment life cycle management.

For more information contact VAE Group, 29 Sudbury Street, Darra QLD 4076, phone 1300 823 823, email dblanch@vaegroup.com.au, website www.vaegroup.com.au

