

# GLADSTONE, AUSTRALIA

## Vix SmartSite® Delivers a Goldmine of Innovation



### OVERVIEW

While fly-in fly-out (FIFO) mining villages provide the amenities of a small city, with cafeterias, taverns, modern living facilities and much more - this network of facilities also creates a dimension of complexity for both miners and operators.

In 2014, Vix Technology partnered with Homeground Villages (HGV), an Australian mine accommodation village, to deliver a Vix SmartSite solution. This system significantly improves the convenience of day-to-day life for residents by allowing them to access their rooms, confirm arrivals and departures, validate work hours, and make on-site purchases by simply tapping their smartcard at an appropriate reader. Not only does the Vix SmartSite reduce complexity and improve efficiency, it also provides a host of benefits for the operator.

The SmartSite solution replaces a set of cumbersome processes and disconnected systems by consolidating operational silos into a single system. This allows site managers to control resident access, track personnel, and conduct extensive data reporting in real-time. With minimal access to outside resources, the solution is designed to maximize efficiency and significantly reduce energy consumption. For example, in order for guests to activate their room's air conditioning, their smartcard must be stored in the in-room receptacle/reader, preventing unnecessary energy use.

This intelligent remote village solution is a natural evolution of Vix's industry-leading transit technology that utilizes smart cards, a network of contactless readers, and account-based system architecture.

The initial Vix SmartSite pilot was allocated to 24 rooms, and in May 2015, an additional 120 rooms were added to the system. The expansion of the pilot was in recognition of the benefits and value it offered both residents and site managers.

### KEY FACTS

- SmartSite enables real-time site management of amenities.
- Smartcard readers are located throughout the site.
- Contactless card interface reduces waiting times for access and purchases.
- Successful pilot project motivated significant additions.
- Vix SmartSite nominated as a finalist for Contactless and Mobile Awards 2015.



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