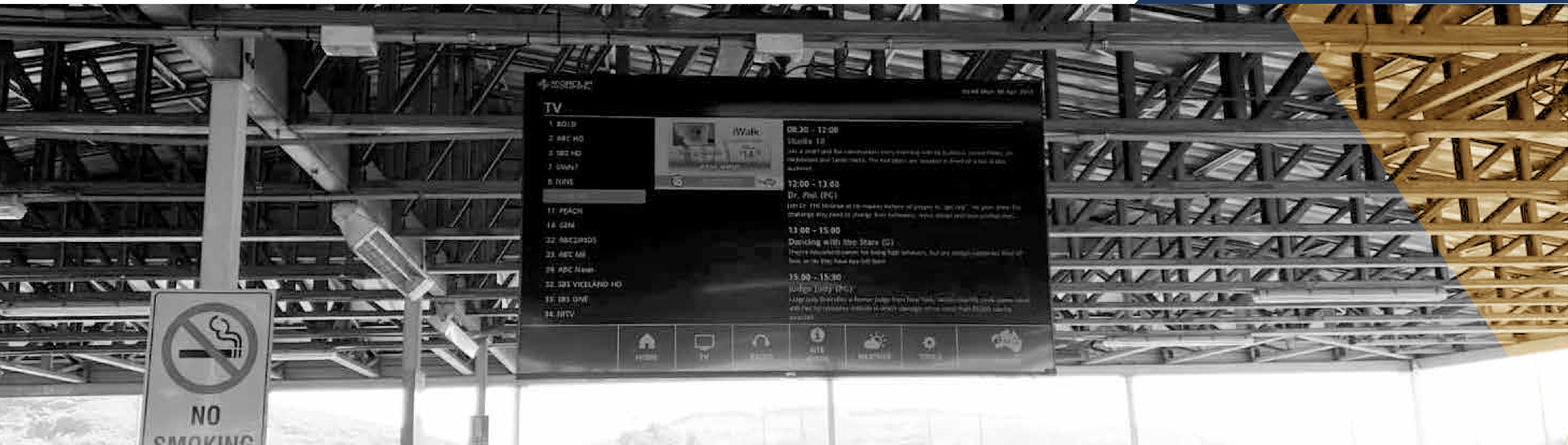


Communications Solution

In 2019 mining company **FMG** approached **R-Group** to reinvigorate one of their decommissioned Villages within one of their key Mine Hubs. The existing infrastructure had either failed or been repurposed elsewhere following a period of camp closure. R-Group was appointed to remediate and upgrade the communications and in-room systems within all rooms and common areas.

Our R-Group Approach included:

- ◆ Discovery audit of existing infrastructure to determine suitability to support camp wide IPTV and Wi-Fi services.
- ◆ Implementation of a GPON solution that maximized the repurposing of suitable existing infrastructure.
- ◆ Installation of Access Points in rooms and common areas, and wireless controllers into the neighboring camp.
- ◆ Deployment of customised and easily navigable in-room IPTV interface on STB's providing access to Free to Air TV, Foxtel, Video on Demand and in-house corporate information channels.
- ◆ Installation of TV panels and WiFi into all rooms and common areas.





R-Group added value throughout the process by tailoring the approach to meet unique client operational and site-specific considerations. This included avoiding disruption to nightshift staff by scheduling room works outside worker downtimes, and installing a temporary Wi-Fi solution to provide internet access to residents ahead of project completion.

By maximizing the reuse of existing infrastructure, R-Group ensured works were value for money and delivered on time and on budget. This included a contract variation to increase scope of works to meet additional client requirements. The future thinking solution was appropriate for the rugged environmental conditions and ensured standardisation across camps with provision of centralised services.

“

Excellent job by R-Group to complete the works on time, on budget with minimal fuss.

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Marc D'ascanio (FMG Project Engineer)