

## Application Note DX64 Enterprise

# RIO TINTO ACHIEVES COMPLETE REDUNDANCY WITH DX64 ENTERPRISE

### Customer Profile

- Rio Tinto is one of the world's leading mining companies

### Application

- Complete and immediate failover to backup system in the unlikely event of an outage

### Business Benefits

- Complete Redundancy
- Minimised Downtime
- System Flexibility
- Covers wide geographical area
- Easily Expandable

### Products Used

- DX64 Enterprise

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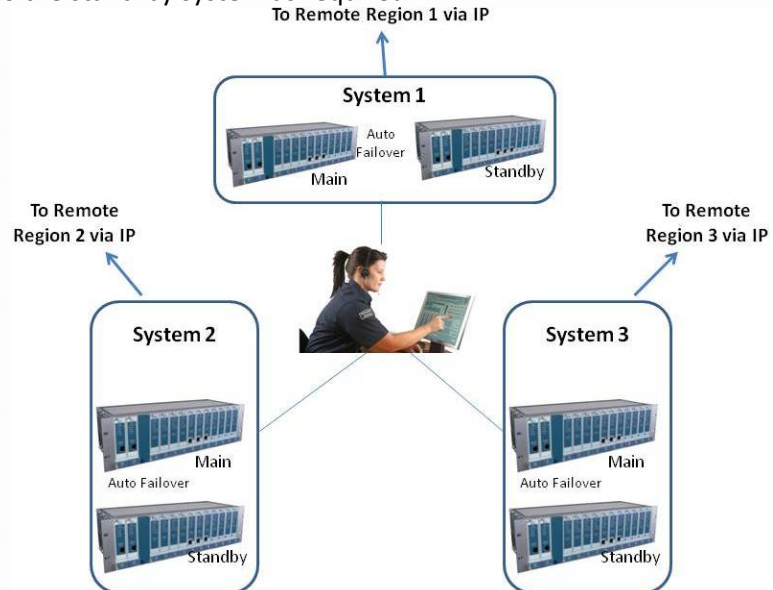
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### ➤ Overview

Rio Tinto, as one of the leading mining companies in the world, relies on communication and IT infrastructures to manage their day-to-day operations. With a high focus on safety and production, any communications downtime can have major effects. To combat this, Rio Tinto commissioned Omnitronics to supply a Dispatch Management System with complete redundancy. The DX64 Enterprise was the answer.

### ➤ The Challenge

The challenge was to not only supply a complete dispatch system but, also to provide a seamless change-over to the stand-by system instantly. To ensure the seamless transition of operators during this changeover; system and user settings are automatically transferred to the stand-by system as required.



### ➤ Solution

The DX64 Enterprise has been engineered to meet the above challenges. In addition to “whole of system” backup, soft degradation has also been incorporated – if an individual operator card within the system fails, a backup card will run in its place, without the need for a full system change-over.

Additional features of the system include the ability for operators to switch between DX64 systems. For example, an operator in the Remote Operations Center can login to the West Region system and then change to the East Region system dependant on their needs.

### ➤ Conclusion

The DX64 Enterprise offers the complete solution for organizations wishing to achieve complete redundancy – minimised downtime and complete peace of mind.

