

IntelliConnex Traffic Signal Cabling System

Advanced "Plug and Play" solution from Intellitraffik

Distributed by Downer in New Zealand

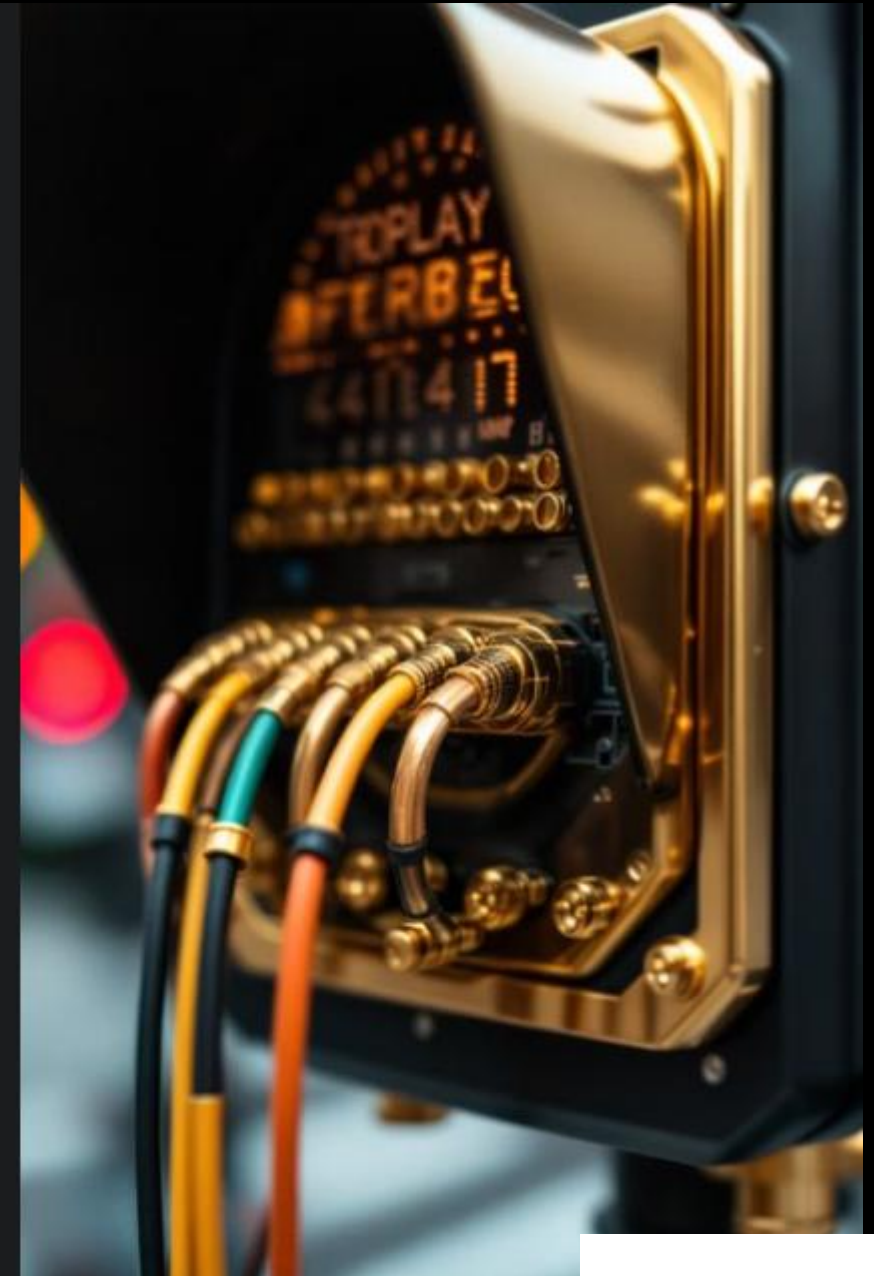
What is IntelliConnex?

Plug & Play System

Streamlined connections for traffic signal cabling with plug-in junction boxes

Flexible Configuration

Junction boxes accommodate 1 incoming and 2-5 outgoing cables





Installation Example

Key Benefits



Time & Cost Efficiency

Reduced contractor time on site & fewer TTM requirements



Improved Safety

Better working conditions at heights & with electrical systems



Enhanced Network Reliability

Minimized downtime for pole replacement & faster fault isolation



Resource Optimization

Reduced cable waste with precise installation requirements



Case Study: Wellington Hamilton Intersection

Project Challenges

- ▾ Major airport route requiring 24/7 operation
- ▾ Night-only work schedule
- ▾ Full signal functionality required by shift end
- ▾ Limited workspace until after last flight
- ▾ No existing infrastructure to leverage

Technical Advantages



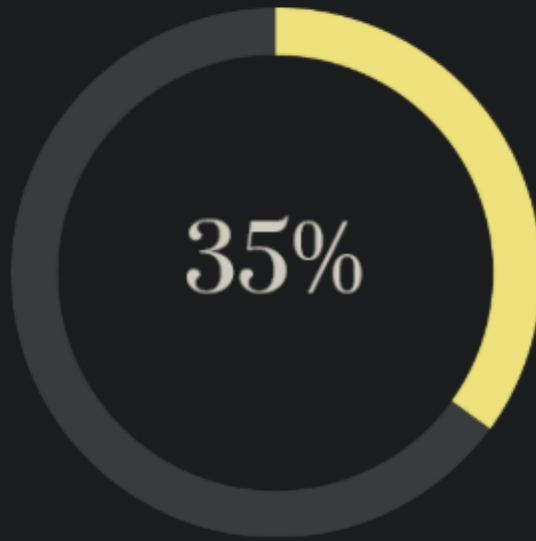
- Simplified cabling architecture
- Individual pole isolation capability
- Rapid system restoration after failures
- Enhanced safety through targeted isolation
- Ideal for high-speed approach installations

Measurable Results



Cable Reduction

Less material used overall



Time Savings

Reduced high-risk field work



Workshop Prep

Weather-independent prefabrication

Single cable per pole = more terminals for signal equipment

THANK YOU