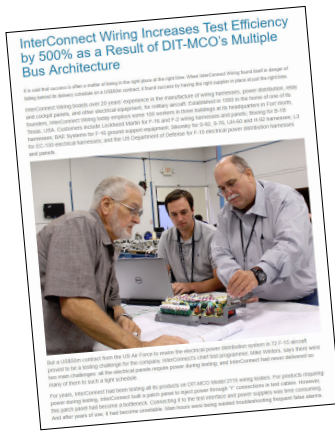


**CLIENT** DIT-MCO International  
**PROJECT** Case Study: KLM Engineering & Maintenance  
**OBJECTIVE** Explain how DIT-MCO's wiring analyzers deliver high ROI to customers through Interconnect Wiring's experience with the Model 2650.MBA.

## COPY EXCERPT

### InterConnect Wiring Increases Testing Efficiency 500% as a Result of DIT-MCO's Multiple Bus Architecture



Call or write [CopyEngineer](mailto:CopyEngineer@dit-mco.com) to receive a PDF of the complete case study.\*

It's said that success is often a matter of being in the right place at the right time. When InterConnect Wiring found itself falling behind its delivery schedule on a \$50 million contract, they found success by having the right supplier in *their* place, at just the right time.

InterConnect Wiring boasts over 20 years' experience in the manufacture of wiring harnesses, power distribution, relay and cockpit panels, and other electrical equipment, for military aircraft. Established in 1993 in the home of one of its founders, InterConnect Wiring today employs some 100 workers in three buildings at its headquarters in Fort Worth, Texas, USA. Customers include Lockheed Martin for F-16 and F-2 wiring harnesses and panels; Boeing for B-1B harnesses; BAE Systems for F-16 ground support equipment; Sikorsky for S-92, S-76, UH-60 and H-92 harnesses; L3 for EC-130 electrical harnesses; and the US Department of Defense for F-15 electrical power distribution harnesses and panels.

But a US\$50m contract from the US Air Force to rewire the electrical power distribution system in 72 F-15 aircraft proved to be a testing challenge for the company. InterConnect's chief test programmer, Mike Winters, says there were two main challenges: all the electrical panels require power during testing; and InterConnect had never delivered so many of them to such a tight schedule.

For years, InterConnect had been testing all its products on DIT-MCO Model 2115 wiring testers. For products requiring power during testing, InterConnect built a patch panel to inject power through 'Y' connections in test cables. However, this patch panel had become a bottleneck. Connecting it to the test interface and power supplies was time consuming. And after years of use, it had become unreliable. Man-hours were being wasted troubleshooting frequent false alarms.

#### Avalanche Alert!

InterConnect's test department was soon under an avalanche of panels: "It got so stacked up over there, they were just buried in them," says Winters. "It was frustrating, because the department was seen as holding up production. And that's always a focus you don't want."

*"It's great working with John since he has a good understanding of the aerospace industry and makes case studies interesting. I just give him the background information and contacts and he does the rest. The results are just what I need."*

Karl Sweers  
 Marketing Manager  
 DIT-MCO International

\*The complete case study can also be viewed on DIT-MCO's website at <http://bit.ly/2CMfynS>.