



**OPEN OPTIONS**  
— ACCESS TECHNOLOGY —



## National Instruments

### CUSTOMER

Since 1976, National Instruments has equipped engineers and scientists with tools that accelerate productivity, innovation, and discovery. NI’s approach to engineering provides an integrated software and hardware platform that speeds the development of any system needing measurement and control. Customers in nearly every industry – from healthcare and automotive to consumer electronics and particle physics – use NI’s integrated hardware and software platform to improve our world.

### CHALLENGES

Following the end-of-life announcement of Casi Picture Perfect Software, National Instruments sought a replacement solution. The company also needed to upgrade their existing proprietary Casi, GE, and United Technologies (UTC) hardware. The incumbent access control system made it costly to deploy enhancements, locking NI into an inflexible system with older feature-sets that were difficult to upgrade.

### SOLUTION

National Instruments used the Mercury M5 Bridge solution to migrate from their legacy system to an Open Options system and Authentic Mercury open platform. Mercury’s direct swap board replacement approach minimized cost and the need for NI to “rip and replace” their existing infrastructure or re-wire their legacy devices for a time-efficient migration. Based on open architecture for interoperability and future enhancements, the new National Instruments system makes it possible for them to move beyond the limitations of their previous proprietary hardware into a current, dynamic, and flexible access control.

“We were looking for a solution built on open architecture to avoid being backed into a corner with a proprietary system,” said Chris Verde, Security Manager at National Instruments. “Luckily, the Mercury M5 Bridge hardware enabled a plug-and-play conversion for us to migrate to the Authentic Mercury hardware platform. This made it possible for us to easily move to an Open Options system – without the need to completely retrofit our infrastructure.”

National Instruments has deployed the Authentic Mercury hardware and Open Options system across numerous locations globally, from their Austin-based headquarters and seven satellite offices in the US, to other major branches in Hungary and Malaysia.

## FAST FACTS

### Customer

National Instruments

### Technology Partners

Open Options Access Control

Mercury Security

### Industry

Manufacturing

### Geography

Global