

## TRANSPORTATION & LOGISTICS

# GETAC F110 TABLETS KEEP RAIL CARS, AND THEIR REPAIR BILLS, RUNNING ON TIME

### / Challenge /

The inability to accurately track the location and repair status of individual railroad freight cars as they are serviced by one of hundreds of privately- and railroad owned repair shops and depots scattered across tens of thousands of miles of track throughout North America. In an industry where maximizing equipment utilization rates is a priority, such a costly problem becomes magnified by the fact that it may take weeks or even months for the car owner to receive an invoice detailing exactly what services were performed and at what cost.

### / Solution /

Getac F110 -- which boasts Intel® Core™ i7 power, full ruggedization in a thin and light package, and a daylight and rainy-night usable LumiBond® 2.0, 11.6-inch touchscreen.

### / Benefits /

Building Rail IQ's proprietary AEI reader attachment into the Getac F110's already robust barcode reader allows repair technicians to scan Automatic Equipment Identification (AEI) tag, loading specific freight car data -- local and industrywide -- in a matter of moments.

### / Rail IQ /

"Frankly, I'm still in a kind of 'pinch-me' mode. Being able to build something this powerful, this productive, this absolutely needed by a major industry in so short a time still feels like a dream."



Getac F110  
Fully Rugged Tablet



## / Challenge /

The traditional way of determining and pricing what needs to be done on a car "involves a guy with a clipboard literally writing down the car number on a clipboard," says RailIQ's owner and founder Adam Boyd. "Then he goes back to his desk, accesses industry systems and runs that car against all these different systems to find out if there's any maintenance advisories on it. "Does it have alerts on it? Does it need an air test? When was the last time the wheel sets were changed out? Depending on the type of car and the mileage since it was last shopped there can be from under ten to a few dozen federally mandated inspection and service requirements."

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## / Solution /

"Getac's F110 was without a doubt not only the most powerful but the most versatile of the lot. It could be a tablet, it could be a standalone computer, a desktop with the docking station, it could be a laptop with the keyboard attachment. All these options combined with our tag reader, Getac's barcode scanner and the built-in over-the-air modem was just the right package," says Boyd.

"This is not just a ruggedized tablet, this is a ruggedized tablet with all the performance of an ultra notebook's power behind it. The F110 has so far met or exceeded the requirements of each of our customers' user scenarios without a single failure. Its ability to handle inclement weather, bad lighting, and accidental drops to concrete shop floors have resulted in 100 percent positive feedback from our users. Its mix and match capabilities with keyboard and docking station attachments make customers feel good. It tells them they can use it in whatever way works best for them, that we're not trying to pigeonhole them by saying, 'this is how it's going to be.'

According to Boyd, with that final piece, the external reader, hooked up to an F110 running RailIQ's proprietary software, they finally had a better system than "we could have possibly imagined." Particularly when compared with the company's first attempt to launch this type of service.

## / Benefits /

- Getac F110 tablets bring 21st Century-tech into rail repair shops
- Solution delivers increased ROI, shop productivity & car availability
- Instantaneous tag readers banish antiquated clipboards and pencils
- F110 barcode readers shine in dark and obscure working conditions
- System enables real-time, 1-click costing out and invoicing

## / About Rail IQ /

Founded in 2001 as IIRX LP, Rail IQ is a software and business intelligence service provider, focused on utilizing their industry knowledge, experience and track record to provide innovative software, hardware and service solutions to solve common challenges in the freight rail industry.

With customers ranging from Class I railroads to private car owners, contract shops, and running repair agents, Rail IQ provides a full life cycle management system for car repair billing for both private shops, running repair agents, and railroads.

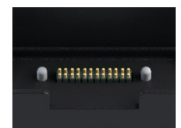
With a diverse team, consisting of industry veterans, software engineers, and designers, Rail IQ's systems' core concept is to increase your ease of use, cut down on errors, and maximize revenue by avoiding undercharges.



GETAC rugged tablet



Rail IQ Portable  
AEI Tag Reader



pogo pin  
connectors

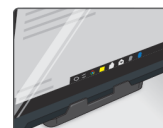
### HOW TO ATTACH THE TAG READER TO THE TABLET



**1** Place the tag reader on a table or flat surface



**2** Align the pogo connectors on the tablet with those on the tag reader



**3** Gently press down on the tablet and connect them together



**4** Gently lift the clamp at the top of the tag reader to secure it over the top of the tablet