

## RAIL

### Rail

Provided skilled and specialized engineers able to hit the ground running  
Provided multilingual competencies to support fellow engineers  
Provided international resources with skills difficult to find in the US  
Maintained high levels of engagement with the client managers to ensure clear communication

#### KEY TOOLS & TECHNOLOGIES

Pack Office, ADF, Microsoft Office, Primavera, DOORS, Rational Jazz, Wireshark, PuTTY, performance testing

#### TEAM SIZE

10 Engineers

#### TIME

Since 2017

#### LOCATION

New York, NY & Pittsburgh, PA

#### TIME & MATERIAL PACKAGE

**ALTEN TECHNOLOGY**

## PTC INSTALLATION AND SAFETY CRITICAL SOFTWARE DEVELOPMENT OVERVIEW

ALTEN Technology consultants have provided support in the field and in our client's NYC office. Field test engineers take on the trackside, installing PTC systems for Long Island Rail Road and Metro North.

Consultants in logistics, quality, and configuration management ensure every part of the process is smooth, from incoming parts to the data analysis.

#### PROJECT DETAILS

- Clarified client needs and required functionalities and behaviors
- Provided technical management, including definition, discussion, and modification of the system
- Provided logistic management of all parts and required equipment on client site
- Client-facing roles provided open communication across all parties
- Wrote analytical reports related to the management status of the project requirements
- Conducted analysis and integration of hardware and software
- Coordinated activities related to use and maintenance manuals for all trackside equipment
- Provided software and systems engineering support involving interoperability and inter-control center redundancy development of STS Safety Critical TSR Server in PTC (LIRR/MNR)

