

Rail Systems Integration

AIM® flexible, custom dispatch and SCADA solutions

As an industry leader in Rail Systems Integration, ARINC has been designing and building innovative, reliable rail control centers for 15 years—our dispatch and SCADA systems operate in more than 25 major transit infrastructures across North America.

Today, we have a comprehensive, versatile library of control functions and interface options easily configured for light rail, commuter rail, subways, and freight systems. Our Advanced Information Management (AIM) software platform is a fully-scalable, open architecture seamlessly integrated within your operations—maximizing efficiency, performance, and cost-effectiveness.

As an independent integrator, ARINC delivers solutions tailored to your needs—utilizing our expertise and wide-range of features to optimize your capabilities.

Train Monitoring and Control

- ▶ Train Tracking and Identification
- ▶ Centralized Traffic Control (CTC)
- ▶ Data Processing and Calculation
- ▶ Control Processing
- ▶ Schedule Based Routing
- ▶ Office Blocking
- ▶ Electronic Train Sheet
- ▶ Dispatcher Notes Display
- ▶ Event and Alarm Processing
- ▶ Traffic Regulation

ARINC

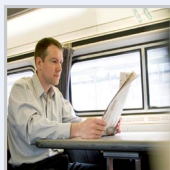
DEDICATION BEYOND EXPECTATION



- ▶ Electronic Dispatcher Transfer Records
- ▶ Train Consist and Crew Information
- ▶ Train Line-Up
- ▶ Electronic Form D
- ▶ Simulation
- ▶ Playback
- ▶ Information Storage and Retrieval
- ▶ Report Generation

Fully Integrated Train Control/SCADA

- ▶ SCADA Physical Plant Monitoring and Control
- ▶ Electronic Power Supervisor Log Sheets
- ▶ Electronic Catenary Plate Order
- ▶ Bridge Control and Monitoring



Data Acquisition/External Interfaces

- ▶ Industry Standard Remote Terminal Units (RTUs) and Power Line Communications (PLCs)
- ▶ Code Line and RTU Diagnostics Tools
- ▶ AIM Based Local Control Panels
- ▶ High Resolution Video Walls
- ▶ ADA-Compliant Customer Information System
- ▶ Train Scheduling Systems
- ▶ Crew Scheduling Systems

ARINC's proven performance in Rail Systems Integration and extensive array of services—from design to installation to maintenance—provide comprehensive rail control solutions to streamline complex modern transit environments.

ARINC, a portfolio company of The Carlyle Group, provides communications, engineering and integration solutions for commercial, defense and government customers worldwide. Headquartered in Annapolis, Maryland with regional offices in London and Singapore, ARINC is ISO 9001:2000 certified.

To learn more please log onto arinc.com/rsi

2551 Riva Road | Annapolis, MD 21401 USA

Tel: +1 800.633.6882

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