

MICHAEL DOGAN

SENIOR PROJECT DIRECTOR | RAIL & TRANSIT
INDUSTRY LEADER

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PROFESSIONAL SUMMARY

Experienced Rail & Transit Consultant and Project Director with 25 years in the Rail & Transit Industry. Currently, a Senior Project Director at AtkinsRéalis, building key relationships and overseeing initiatives at the US Department of Transportation's Transportation Technology Center (TTC). Specializing in rail control systems, safety, and regulatory compliance, with a strong track record in PTC systems, driverless metro, and traditional signaling and train control projects. Skilled in strategic planning, risk management, and simplifying complex technical concepts for effective communication. A highly ethical leader committed to operational excellence, quality, and integrity, with experience on over 325 transit projects spanning 16 countries and managing cumulative budgets exceeding \$410M.

- Project Management
- Team Leadership
- Data & Analytics
- Stakeholder Engagement
- Digital Twins
- Risk Management
- Human Factors
- Communication Skills

WORK EXPERIENCE

AtkinsRéalis (formerly Atkins / SNC-Lavalin) | Ontario NY/ Roanoke VA (remote) **7+ years**
World-leading design, Engineering, and Project Management firm connecting people, data, and technology

SENIOR PROJECT DIRECTOR - INFRASTRUCTURE SOLUTIONS (Apr 2024 - present)

- Building key relationships with FRA, transit agencies, industry suppliers, and research universities.
- Overseeing initiatives at the US Department of Transportation's Transportation Technology Center (TTC).
- Supported AtkinsRealis partner ENSCO in winning a \$571 contract to manage and innovate at the TTC.
- Leading strategic planning and project execution for TTC modernization initiatives, including emerging technologies such as Digital Twins supporting research, development, testing, and training efforts.

PRINCIPAL CONSULTANT / SENIOR PROJECT MANAGER - RAIL CONTROL SYSTEMS (Nov 2016 - Apr 2024)

- Recognized by the Federal Railroad Administration (FRA) Office of Safety as a key contributor and Team Lead for 12 Positive Train Control Safety Plan (PTCSP) reviews.
- Supported Commuter Railroads Long Island Railroad and Central Florida Rail Corridor/SunRail with successful PTC implementation and regulatory approval.
- Commercial Manager for transit agency Locomotive & Multi-Level Passenger Car Procurement Project.
- Recognized by the Federal Railroad Administration for the ability to effectively communicate across multidisciplinary teams, simplifying complex technical concepts.

RailComm LLC (now Tracsis) | Fairport NY

4 yrs 10 mos

Leading provider of software, hardware, data analytics/GIS, and services for the rail, traffic data, and transport industries.

VICE PRESIDENT - PROJECT DELIVERY (2013 - 2016)

- Promoted to lead 50% of the company, managing 40+ concurrent projects and 27 maintenance contracts.
- Directed multi-site, cross-functional operations across 350+ global sites.
- Led full project lifecycle teams, including project managers, engineers, developers, QA, manufacturing, and customer support.
- Improved delivery times and gross margins by automating reporting and solutions analysis.
- Key projects: Dispatching Systems (CTC and TWC), Classification Yard and Intermodal Terminal Automation, Automated Blue Flag Protection Systems, and Automated Heater Control Systems.

DIRECTOR OF PROJECT ENGINEERING (2012 - 2013)

- Reorganized project engineering, creating small functional teams and standardizing processes.
- Leveraged employee strengths to enhance team performance.
- Established robust tracking and monitoring with KPIs for project delivery and customer service.

Ansaldo STS / Union Switch & Signal (now Hitachi Rail) | Rome Italy / Pittsburgh PA

13 yrs 1 mo

A century-long leader in global rail solutions, from rolling stock to traffic and signaling systems.

SENIOR PROJECT MANAGER / CONSTRUCTION MANAGER

- Led driverless automatic train control projects with \$180M P&L and a 100-person global team.
- Established goals, tracked performance, managed project reporting and ensured employee health and safety.
- Developed project management curriculum and training.
- Managed wayside, onboard, and dispatch systems for a portfolio of Driverless Automatic Train Control projects.
- Directed design, build, testing, commissioning, and safety certification of the Automatic Train Control systems.

Earlier: Project Manager / Project Engineer / Manager of Technical Services / Rail Control System Data Technician

Key Clients / Projects

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|---|-----------------------------|----------------------------|--|
| • Federal Railroad Administration, Office of Safety | • Canadian National Railway | • Norfolk Southern Railway | • Genesee & Wyoming |
| • Amtrak | • Canadian Pacific Railway | • Union Pacific Railway | • Driverless Unattended Metro Projects: Rome Line C, Milan M5, Brescia Metro, Copenhagen Metro |
| • BNSF Railway | • CSX Transportation | • Long Island Railroad | |

Bachelor of Science (BS) - Computational Science / Business

Liberty University - expected 2025