

# CHIEF INFORMATION OFFICER

**Building the Future of Transportation Technology at MassDOT**

Why Innovators, Builders, and Problem-Solvers Choose to Work Here

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**MASSDOT IS TRANSFORMING the way people move across Massachusetts by investing in modern, resilient, and accessible digital systems. As we expand our technology teams, we are seeking talent who want to build solutions that matter—from real-time transportation data and customer-facing digital services to cybersecurity, AI-driven analytics, and enterprise modernization.**

**FOR MORE INFORMATION**  
ON THE MASSACHUSETTS DEPARTMENT OF TRANSPORTATION  
Please visit [www.mass.gov/MassDOTCareers](http://www.mass.gov/MassDOTCareers)

# MASSDOT

The 4,300+ employees of Massachusetts Department of Transportation (MassDOT) take great pride in connecting the Commonwealth's residents and communities. MassDOT is responsible for developing, implementing, and coordinating transportation policies and projects for the Commonwealth, and for efficiently planning, designing, constructing, and maintaining a safe statewide transportation system that meets the needs of all travelers. Information about MassDOT's inclusive culture and career opportunities can be found at [mass.gov/massdot-careers](https://mass.gov/massdot-careers)

MassDOT's divisions include Highway, Registry of Motor Vehicles, Aeronautics, and Rail and Transit. Headquarters (Planning and Enterprise Services) provides business and administrative support and policy leadership for the four divisions. Read more about MassDOT's operational divisions at [Massachusetts Department of Transportation Mass.gov](https://Massachusetts Department of Transportation Mass.gov)

## Mission

Our mission is to deliver excellent customer service to people traveling in the Commonwealth by providing transportation infrastructure that is safe, reliable, robust and resilient. We work to support a transportation system that can strengthen the state's economy and improve the quality of life for all.

## Vision

At MassDOT, transportation is not only about roads and bridges, or trains and buses; it is about people. Our work begins with our customers; individuals, businesses, cities and towns, and regional transit agencies. We support programs and projects delivering a high return on investment. We partner with cities and towns, public agencies, and private sector businesses. MassDOT supports the economic, quality of life, and environmental goals of the Commonwealth.

## Looking to the Future: Beyond Mobility 2050

MassDOT's long-range direction is shaped by Beyond Mobility, the Commonwealth's 2050 Statewide Long-Range Transportation Plan. This plan identifies major transportation challenges ahead and sets a clear vision for a safer, more equitable, reliable, and resilient network. Built through extensive public input and data analysis, Beyond Mobility focuses on access to opportunity, community health, environmental sustainability, and the needs of all travelers. The plan reflects MassDOT's commitment to planning a transportation system that serves everyone in the decades ahead.

[\[Link to the Beyond Mobility Executive Summary\]](#)

# MASSDOT HEADQUARTERS PLANNING & ENTERPRISE SERVICES

Headquarters and Enterprise Services includes: Audit, Human Resources, Finance, Operations, General Counsel, Office of Diversity and Civil Rights, Office of Performance Management and Innovation, Real Estate and Economic Development, Transportation Planning, Property Services, Security and Emergency Preparedness, and **Technology**. We serve as a critical partner by connecting our community through comprehensive services and shared expertise. As a trusted, knowledgeable, and collaborative resource, we support the development, education, well-being, and safety of our workforce.



## Information Technology

MassDOT works to deliver safe, reliable, and equitable transportation across the Commonwealth. Every day, our systems support millions of residents, visitors, and businesses. Our digital transformation is reshaping how transportation agencies operate. We are moving toward responsive, data informed decision-making and digital services that reduce friction for customers and staff.

**The Information Technology department oversees the deployment of modern, efficient, and effective technology throughout MassDOT.**

While the Technology team supports critical daily operations across the state, it also

serves as a trusted partner that delivers long-term business value through creative and modern solutions. The DOT embraces cloud, artificial intelligence, and industry leading software and security products. We are closely aligned with the Executive Office of Technology Services and Security which gives us a voice in shaping the future of technology in the Commonwealth

MassDOT's transportation investments are funded through our Capital Investment Plan (CIP), which allocates state, federal, and other funds to support long-term improvements across the transportation system. The CIP outlines planned investments for MassDOT's divisions for FY 2026-2030 and is updated annually.

## Information Technology Capital Investment Plan

Grounded in our IT strategy, the CIP funds initiatives focused on upgrading infrastructure, enhancing cybersecurity, and improving constituent experience and workforce productivity to support business outcomes through modern, secure, and equitable technology services.

MASSDOT MODERN TECHNOLOGY INVESTMENTS	
Cybersecurity Enhancements	Enterprise platforms
Cloud migration	Zero Trust architecture
Data modernization	Predictive analytics and AI-driven insights

### MassDOT's IT Priorities

#### Cybersecurity

Strengthen MassDOT's ability to deliver secure and reliable transportation services by continuously improving cybersecurity protections and incident response capabilities to safeguard information and data in MassDOT's business systems and digital platforms.

#### Infrastructure & Application Modernization

Modernize applications and infrastructure so systems are current, supported, and aligned with business objectives, ultimately improving service delivery, operational efficiency, and data-driven decision-making.

#### Operational Excellence

Equip MassDOT's workforce to deliver repeatable, sustainable, and efficient IT services and operations, enabling our business partners to achieve their objectives.

#### Resiliency

Ensure MassDOT can continue or resume operations in the event of an unplanned incident or disaster.

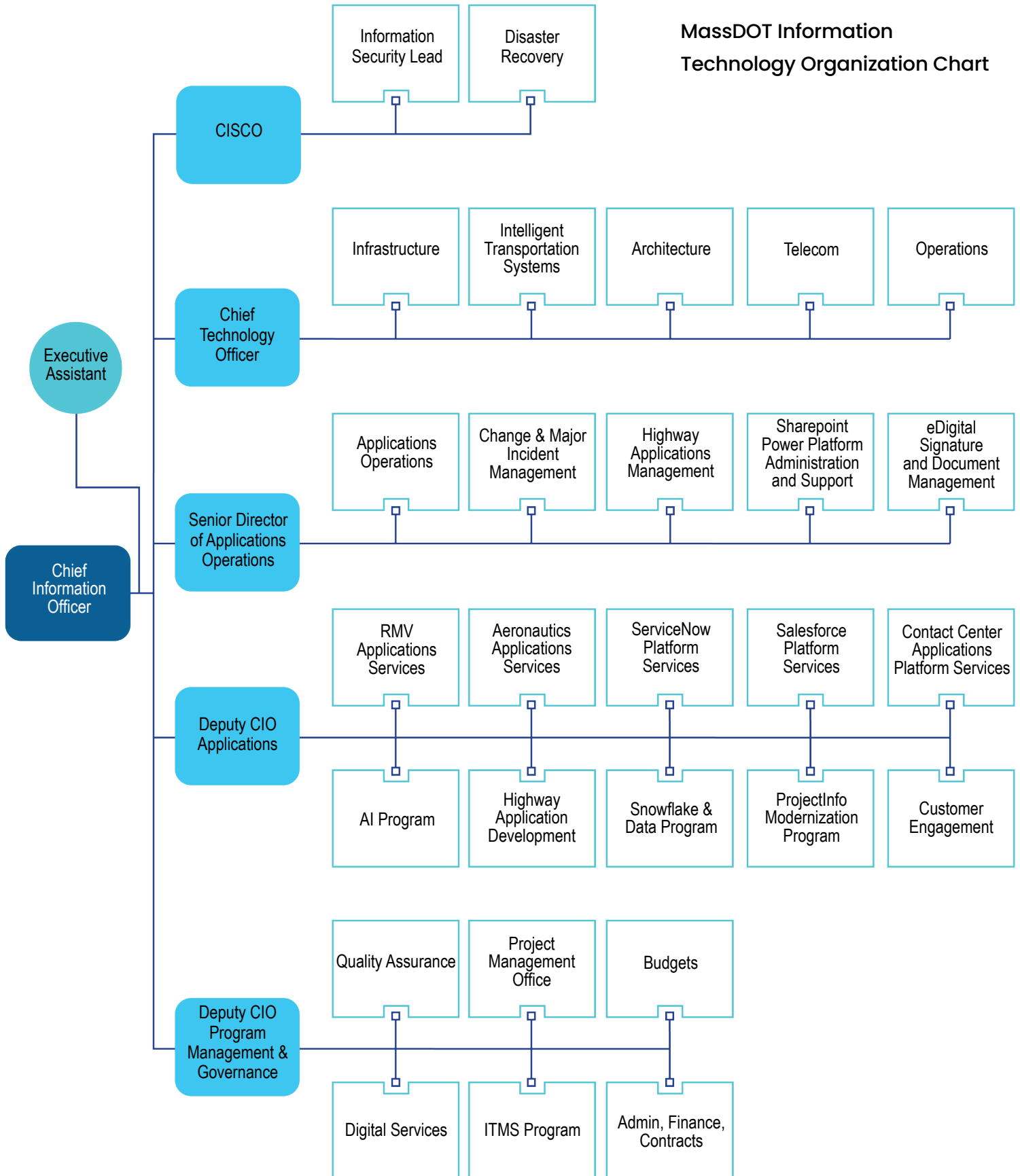
# CHIEF INFORMATION OFFICER

Reporting to the Chief Administration Officer, the Chief Information Officer (CIO) serves as the senior technology executive overseeing all information technology operations at MassDOT. The CIO provides strategic vision and leadership to ensure the agency's technology ecosystem including hardware, software, data, and third-party services—is reliable, resilient, secure, and continuously modernized. By aligning MassDOT's IT roadmap with Executive Office of Technology Services and Security Secretariat ([EOTSS](#)) standards, while strongly advocating for the specific needs of transportation programs, the CIO enables safe, efficient, and innovative solutions that advance the agency's mission to deliver a world-class, equitable, and sustainable transportation network to the Commonwealth.

## Duties

- 1.** Develop and mature the security, risk management, and operational governance framework of MassDOT's technology environment, ensuring alignment with EOTSS directives while mitigating cyber threats and enabling resilient, mission-critical operations.
- 2.** Provide strategic leadership for IT modernization, portfolio management, and innovation; oversee the reliability, scalability, and security of hardware, software, assets, and third-party services in support of safe and efficient transportation programs.
- 3.** Formulate annual and multi-year IT budgeting strategies, capital investment plans, and resource allocation priorities; champion mission-critical technology needs within the Capital Investment Plan and operating budget while demonstrating fiscal stewardship and ROI.
- 4.** Direct enterprise architecture, standards, and procurement governance; ensure uniform policies, procedures, and best value contracting for hardware, software, network systems, and professional services to maximize interoperability, economies of scale, and cross-agency utility.
- 5.** Lead talent acquisition, workforce development, and vendor management; build high-performing IT teams and oversee contracts to deliver consistent, high-quality support for transportation applications and infrastructure statewide.
- 6.** Conduct business case development, cost-benefit analysis, and performance measurement for all major technology investments; validate alignment with agency goals and Commonwealth-wide efficiencies.

## MassDOT Information Technology Organization Chart



# WORK IN TECHNOLOGY



## Meaningful Public Impact

Technology roles at MassDOT directly affect safety, efficiency, and the daily lives of Massachusetts residents. Your work is not abstract; it is visible, measurable, and essential.



## Complex, Large-Scale Problem-Solving

Work on systems that manage millions of transactions, large datasets, statewide infrastructure, and cross-agency integration. These are enterprise challenges that few private companies can match.



## Stability + Innovation

A rare combination: long-term job stability and leadership that encourages experimentation, continuous improvement, and professional development.



## Growth and Career Pathways

MassDOT offers clear advancement opportunities and training support for certifications, leadership development, and technical skill development.



## Culture of Collaboration

We empower teams to work across disciplines, value diverse perspectives, and encourage inclusive problem-solving.

**Join us in building the next generation of transportation technology in Massachusetts. Apply to be part of a mission-driven team creating long-term impact.**

# EMPLOYEE BENEFITS

Pay is only one part of the compensation you earn working for the Massachusetts Department of Transportation. We offer a broad array of [benefits programs](#) and family-friendly flexibilities to support the needs of you and your family.

## COMPREHENSIVE BENEFITS

When you begin a career with the Commonwealth, you receive an outstanding suite of employee benefits which adds to the overall value of your compensation package. We take pride in providing a work experience that supports you, your loved ones, and your future.

Review a comprehensive overview of all benefits in the [Commonwealth of Massachusetts Rules Governing Paid Leave and Other Benefits For Managers and Confidential Employees](#) [Effective January 1, 2025]

## BENEFITS & RESOURCES

Explore the full range of [Employee Benefits and Leave Programs](#)

EXPLORE ALL EMPLOYEE BENEFITS AND REWARDS!	
Work/Life Resources	Tuition Reimbursement
Alternative Work Schedules	Employee Assistance Program
Telework Options	Health and Wellness Resources
Financial Resources	Career Development
12 Paid Holidays	Generous Vacation Plan

**Absence and Leave Policies:** Employees may qualify to use paid or unpaid leave time when they are absent from work on a short-term or long-term basis for a number of specific reasons.

**Paid Family and Medical Leave** (PFML) provides qualifying employees with paid time away from work for family or medical reasons.



*massDOT*  
Massachusetts Department of Transportation

Technology drives everything we do at MassDOT.  
If you want your work to shape the future  
of mobility in Massachusetts, you will find  
meaningful challenges and receive the support  
to solve them here.