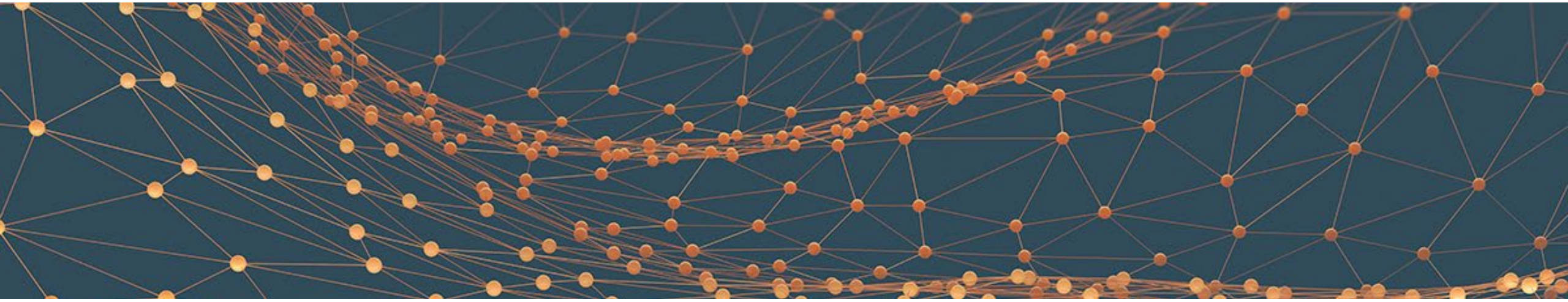




Minnesota Cybersecurity Updates

Tarek Tomes | Commissioner and State Chief Information Officer
John Israel | Assistant Commissioner, Chief Information Security Officer





Cybersecurity Program Updates and Highlights

Commissioner Tarek Tomes | Commissioner and State CIO

Security Change Items Funding

Whole-of-State Cybersecurity Plan

Cybersecurity Program Modernization

LoginMN

MNET Security Enhancement



Reporting Updates

Tarek Tomes | Commissioner and State Chief Information Officer
John Israel | Assistant Commissioner, Chief Information Security Officer

Annual Report



MNIT released its 2025 Annual Report, *Ctrl+Alt+MN*, outlining how Minnesota is strengthening cybersecurity while modernizing digital services.

The report shows that 2023 cybersecurity investments are producing real results, with stronger threat detection, faster response coordination, and better visibility across systems.

In the past year, MNIT monitored more than 200 million security events and identified over 100,000 potential threats, improving protection for critical state services.

These efforts reflect a whole-of-state cybersecurity approach, built on shared tools, coordinated response, and strong partnerships.

Cybersecurity remains foundational to public trust, enabling Minnesota to deliver secure, reliable digital services now and into the future.

The Technology Modernization Fund (TMF)

- Beginning in FY2024, the legislature appropriated \$40M over four years
- Focus
 1. Improved customer experience (CX)
 2. Mitigating cybersecurity risk
 3. Improving business modernization

- TMF provides agencies with one-time funding
 1. Deliver value in one-year or less
 2. Provide substantial business value
 3. Less than \$1 million

TMF Numbers – January 2026

168 Requests

Across 29
agencies/cross
agencies

72 Approved
Requests

\$34.3M
Funded

2025 Cybersecurity Incident Report

First statewide Cybersecurity Incident Report

- Offers view of cyber incidents affecting public-sector across Minnesota
- Underscores importance of a Whole-of-State approach to protect services Minnesotans rely on every day.
- Strengthens the state's ability to identify trends, coordinate response, and improve preparedness against cyber threats.



334 reports submitted through CIR form (Dec. 1, 2024-Nov. 30, 2025)



- **283 of the 334 were in-scope** (confirmed or potential cyber events that affected public agencies)
 - **269 of the 283 were from non-executive branch entities** (counties, cities, K-12 schools, etc.)

Cybersecurity Incidents Reported

Cybersecurity incidents reported each month



Optional reporting began Sept. 30, 2024.
Required reporting began Dec. 1, 2024.

Reports submitted by entity

K-12	81
County	69
City/township	53
Higher education	19
Law enforcement	13
State	12
Critical infrastructure and key resources (CIKR)	9
Personal	8
Nonprofit	2
Other	2
Vendor	1
TOTAL	269

Dec. 1, 2024, through Nov. 30, 2025, entities reported 269 in-scope cybersecurity incidents via the CIR form.

Common cybersecurity incidents

Compromised account/password was the most common incident reported

- Defined as: When a bad actor gains access to a person's account by stealing credentials (password, username)
- Named in 156 of the 269 reports (58% of reports)
- 95 individual incidents reported
- 34 incidents reported in combination with other incident types
- 18 incidents reported with potential data exposure and unauthorized access
- 9 incidents reported with potential data exposure

INCIDENT TYPE	COUNT
Compromised account/password	95
Potential data exposure	20
Compromised account/password, potential data exposure, unauthorized access	18
Other	17
Social engineering	11
Unauthorized access	11
Compromised account/password, potential data exposure	9
Malware (general)	6



LoginMN – Updates and Roadmap

John Israel | Assistant Commissioner, Chief Information Security Officer

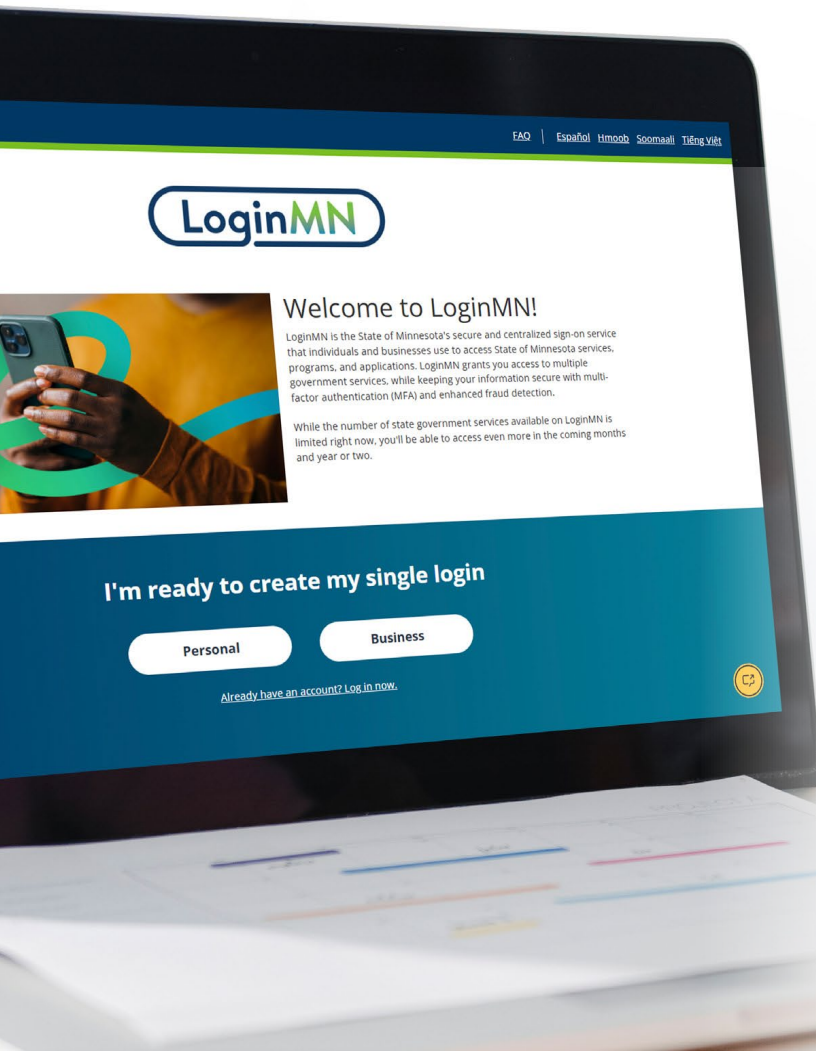
LoginMN on login.mn.gov

Improved customer experience

- Modern, secure platform for digital transactions between the public and state government.
- Easy and safe for public to create one account – with one username and password – to access all services on LoginMN.
- Aligns with federal government’s login.gov.

Strengthened security

- Improves fraud detection with multi-factor authentication.
- Dynamic security adapts to user’s behavior and risk factors.
- Three levels of identity proofing protect users’ private data and help prevent fraud.



Now on LoginMN

State services accessible with a single login

Department of Administration

- Office of the State Archaeologist Portal
- Minnesota Statewide Historic Inventory Portal
- iRISK Reporting System

Department of Employment and Economic Development

- Minnesota Paid Leave

Department of Natural Resources

- State Forest Nursery online ordering

Minnesota Management and Budget

- Capital Budget Systems

Office of Higher Education

- Power Pages



LoginMN services planned for 2026

Last updated: 2/6/26

Department of Children, Youth, and Families

- Minnesota Electric Child Care Provider Resources Online (MEC2PRO)

Department of Employment and Economic Development

- CareerForce
- Workforce One

Department of Revenue

- Audit Room/Virtual Room-Revenue
- Board of Assessors Licensing
- eCRV

Department of Human Services

- SAS Viya
- Business Objects/County Report
- MN-ITS
 - Secure FTP
 - CORE
 - Minnesota Provider Screening and Enrollment (MPSE)
- Minnesota Eligibility Technology Systems (METS)
- Shared Master Index (SMI)
- State Medical Review Team (SMRT)

Department of Natural Resources

- Electronic Licensing Services

Minnesota Geospatial Information Office

- Minnesota Indian Affairs Council/Office of the State Archaeologist Review Application (MIAC/OSA)

Minnesota IT Services

- Tridion

Minnesota Management and Budget

- Self Service Portal



LoginMN services in queue

Last updated: 2/6/26

Department of Children, Youth, and Families

- MNBenefits Case Tracker
- Early Learning Scholarships
- Wayfinder
- Provider Hub

Department of Commerce

- Petrofund

Department of Employment and Economic Development

- Unemployment Insurance

Department of Health

- Jadu
- PharmacyRX (Ten2Eleven)

Department of Human Services

- Drug and Alcohol Abuse Normative Evaluation System (DAANES)
- Managed Care Ombudsman
- Universal Eligibility and Enrollment
- Audits and Reporting
- Behavior Intervention Reporting Form
- Child Support Portal
- Appeals Division Case Management Solution

Department of Labor and Industry

- Prevailing Wage

Department of Transportation

- OTAT Procurement
- 1919 Arts
- AASHTOWare Project

Minnesota Geospatial Information Office

- Commons Modernization - Operations Portal

Minnesota Management and Budget

- Local Government Pay Equity System

Office of Secretary of State

- Minnesota Business & Lien System Portal





Cybersecurity Education and Training

John Israel | Assistant Commissioner, Chief Information Security Officer

Cybersecurity training and education

MNIT embeds a security mindset for all executive branch employees



Quarterly Cybersecurity Monitor newsletter

- Raises awareness of cyber threats, trends, and active security initiatives.



Bi-annual phishing awareness emails

- Highlights cybercriminals' common tactics; builds skills to recognize and report phishing.



Regular phishing training/simulation emails

- Improves recognition and response confidence for reporting phishing attempts.



Annual security compliance training

- Aligns with MMB, HR, and Learning & Development to build cybersecurity skills, and learn to identify and avoid cyberattacks.



Always Verify (Zero Trust) security approach

- Implementing framework to authenticate, authorize, and continuously validate users before granting access to apps and data.



Cybersecurity Awareness Month in October

- Governor issues proclamation; MNIT offers public and internal tips to develop strong cyber habits; provides in-person education,



Deliver presentations, engage with public

- Cyber Navigator team and MNIT's security leaders interact with the public, local governments, and IT leaders year-round.



MNIT's SOC Modernization

John Israel | Assistant Commissioner, Chief Information Security Officer

Security Operations Center (SOC) modernization

Strengthening cybersecurity operations through thoughtful, phased planning to modernize capabilities responsibly.

- SOC modernization effort deliberately aligns people, processes, and technology before implementation.
- The team has engaged with multiple states and government entities that have navigated SOC modernization to understand challenges, key focus areas, and lessons learned that inform our decision-making.

Phase 1 – complete

- Assessed SOC maturity and benchmarked capabilities against industry standards
- Defined future-state SOC strategy, architecture, and operating model
- Delivered actionable, prioritized roadmap

Phase 2 – in progress

- Creating charters, policies, documentation
- Building foundation for changes
- Implement tool, metrics realignment
- Support development of MN ISAC

Thank You!

Tarek Tomes | Commissioner and State Chief Information Officer

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