“Setting the Stage”

Foundational Components for TDOT’s Next Gen Traffic Management Centers and ITS.
Legacy TMC Net

Public/Internet Access

State of TN

Data Center

AT&T NetTN State Cloud

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Discovery/Analysis

- Inter-Agency Discovery Exercise
- Risk and Vulnerability Assessment
- Review Technology Stack
- Review Support Model
- Review Security Model
- Review Data/Information and INF Sharing
- Review Business Continuity Plan
- Determine the Path Forward
Discovery Findings

- Challenges
  - Disparate Technology Stack
    - Software, Hardware, Monitoring, Security, Network
  - Proprietary Systems
  - Data and Information Silos
  - EOL Systems
  - Fragmented Support Model
  - Fragmented Security Model
  - Data and Information accessibility
  - Lack of tiered environments – DEV, TEST, PROD, DR
  - Business Continuity
The Path Forward

- Addressing the Disparate Technology Stack
  - Software
  - Data and Information Sharing
  - Hardware
  - Monitoring
  - Security
  - EOL Systems

- Addressing Lack of Redundancy
  - Network Hardware and Topology
  - Server Infrastructure

- Addressing the Support Model
- Resilient Business Continuity
Future TMC Net

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