

System-wide Security Assessment for MetroLink

June 27, 2018

Presented by:



WSP Security Assessment Approach

Perform a comprehensive security assessment of the St. Louis MetroLink System, resulting in recommendations to improve the security of the system

MetroLink
Inventory

Security
Staffing
Assessment

Fare System
Analysis

Threat &
Vulnerability
Assessment

Peer Transit
Agency Review
/ Best Practices

Stakeholder
Engagement /
Collaboration

- **Recommendations**
- **Implementation Plan**

Key Terminology

- **Safe** – freedom from **unintentional** harm to people, equipment, reputation
- **Secure** – freedom from **intentional** harm to people, equipment, reputation
- **Hazard** – real or potential condition that can cause injury, illness, death, damage
- **Threat** – any intentional action with the potential to cause harm in the form of death, injury, destruction, disclosure, interruption of operations, or denial of services
- **Vulnerability** - any weakness, flaw or condition that allows and/or can be exploited, for the successful realization of a potential threat against the system and its assets
- **Risk** – likelihood + severity (consequence) of a realized threat
- **Acceptable Risk** – when further risk reduction measures will not result in significant reduction of risk

Stakeholder Engagement & Partner Collaboration

Stakeholder Engagement Plan

- Stakeholder contacts
- Engagement database
- Activities to engage stakeholders (surveys, workshops)

Stakeholder Activity Facilitation & Media Messaging

- Facilitation of activities to engage stakeholders
- Taking input and providing feedback about the project
- Developing public-facing messaging and media-relations

Security Risk & CPTED Training

- Customized security risk and CPTED Training to emphasize the risk based approach to system security
- Scheduled for June 28th

Inventory & Assessment of Existing MetroLink System

MetroLink Inventory

- Inventory of current security conditions
- Physical assets, procedures, staffing, relationships

Security Staffing Assessment

- Current state of security staffing
- Effectiveness and efficiency
- Challenges and needs
- Performance measures

Fare System Analysis

- Effectiveness of the fare enforcement program
- Equity of fare enforcement program

Best Practices / Peer Review

- Peer review by transit / rail staff from comparable agencies
- Best practice review

Threat & Vulnerability Assessment

- Acceptable / Tolerable Risk
- As Low As Reasonable Practicable (ALARP) Risk
- Mitigations / Controls

Recommendations & Implementation Plan

Recommendations

- Summary of recommendations to improve security of the system
- Physical enhancements, procedural adjustments, & strategic direction

Implementation Plan

- Plan to implement recommendations
- Order of magnitude cost estimate
- Implementation timeframe

Presentations / Summaries

THANK YOU



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