# Security Priorities of Korean Railways
## - Implications to Future Security Agenda -

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# 1. INTRODUCTION

# ❖ Brief Overview of Korean Railways

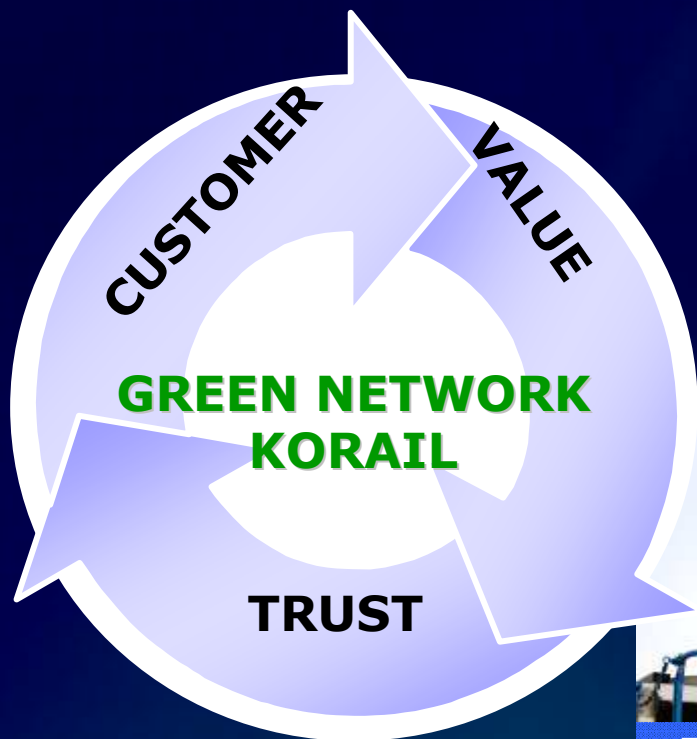☐ **Scale & Speed**
- ✓ **Track : 3,399 Km**
- ✓ **High Speed Trains**

☐ **Performance**
- ✓ **2.8 M passenger a day**
- ✓ **27 M ton Km a day**

☐ **Workforce**
- ✓ **Total: 32, 000**
- ✓ **Security : 400 (1.2%)**

**KORAIL**

CUSTOMER · VALUE

**GREEN NETWORK KORAIL**

TRUST

Electrical Engineering

Transport Conventional Line)

Transport (KTX Driver)

Station Service

Rolling Stock Depot (KTX)

Passenger Service

## ❖ Implications for Security Agenda

☐ **High Speed Train Operation**
- ✓ **Small scale of network and high speed operation**
- ✓ **Any security breach brings serious impacts**

☐ **High Density of Passenger Transportation**
- ✓ **Highly fluctuated demands in time, date, season**
- ✓ **Any security breach brings more casualties**

☐ **High Responsibility of Security Staff**
- ✓ **Small number of security staffs**
- ✓ **Requires high vigilance & efficiency**

# 2. GOVERNANCE OF RAIL SECURITY

# ❖ History of Korean Railway Police

☐ **Establishment & Development (1963 ~ 2004)**

  ✓ **Established in 1949, 1963 for dedicated purpose**

  ✓ **Endowed special status as railway police in 1979**

  ✓ **Worked for KNR as one of department until 2004**

☐ **Rail Reform: infrastructure & operation (2005 ~     )**

  ✓ **Belongs to Ministry of Transport**

  ✓ **Works with RU & Police based on agreements**

  ✓ **Payment resources generated from RU**

KORAIL

# ❖ Resources of Authorization

☐ **Jurisdiction Power**
- ✓ **Judicial Police Officials & Their Jurisdiction Boundaries Act**

☐ **Jurisdictional & Working Boundaries**
- ✓ **Activities described in Railway Safety Act**
- ✓ **Prevention of crimes and terrors etc.**

☐ **Work Details by Agreements**
- ✓ **Work Boundary with National Police Agency**
- ✓ **Work Collaboration with KORAIL**

# ❖ Implications for Security Agenda

☐ **Unique Governance due to Railway Reform**
- ✓ **Separation infrastructure from operation**
- ✓ **Certain advantages and benefits**

☐ **More Relationship with Security Partners**
- ✓ **More partners and agreements**
- ✓ **Getting harder to manage security issues**

☐ **International Rail Corridor Operation**
- ✓ **Different governances & authorizations**
- ✓ **May bring conflicts and difficulties in security**

# 3. TERRORISM & TRAINING

# ❖ Focus Shift on Terrorism

☐ **One of Traditional Agenda in Korea**

- ✓ **Normally anticipated wartime scale issues**
- ✓ **In an unique international circumstance**

☐ **Focus Shift Towards Safety**

- ✓ **Since high speed train operation**
- ✓ **More focus on small scales coupled with safety**

☐ **Training and Public Awareness**

- ✓ **Training comprise all issues and stages**
- ✓ **Especially couple with public awareness**

# ❖ Scenario Based Training

☐ **Scenario Creation of Major Categories**

  ✓ **Requires realistic scenarios**

  ✓ **Also requires regular updates**

☐ **Priority for Security Staff**

  ✓ **Minimize casualties and damages**

  ✓ **Effective approach for better understanding**

☐ **Synergic Effect for Public Awareness**

  ✓ **Brings more attention from the public**

  ✓ **Focus on key information and actions required**

# ❖ Hostage Rescue

# ❖ Explosion & Fire

❖ **Emergency Evacuation**

# ❖ Implications for Security Agenda

☐ **Scenario & Manual Development**

✓ **Various and flexible scenarios recommended**

✓ **International benchmarks and sharing required**

☐ **Involvement of the Public**

✓ **Improvement of public awareness**

✓ **Dissemination of key information for saving lives**

# 4. RAILWAY SECURITY VS. SAFETY

## ❖ New Security for Railway Safety

☐ **Security or Safety ?**

- ✓ **Security is crucial for safe railway**
- ✓ **Normally, security positioned behind safety**

☐ **New Threats from Within Us**

- ✓ **People suffered from depression and drug etc.**
- ✓ **More difficult to prevent and detect**

☐ **Case: Daegu Subway Station Fire**

- ✓ **In 2003, 198 dead and 147 injured**
- ✓ **Triggered by a depressed who attempted suicide**

## ❖ A Single Information Saved 100 Lives

❖ **Implications for Security Agenda**

☐ **Level of Security for Railway Safety**

  ✓ **Railway has its own efficient level of security**

  ✓ **Requires minimum level of international standard**

☐ **New Measures for New Threats?**

  ✓ **Safety measures prevailed so far**

  ✓ **Security views should be taken into account**

# 7. CONCLUSION

# ❖ Conclusion for Security Agenda

☐ **Governance of Rail Security**

  ✓ **Concerns to security authorities in the world**

  ✓ **Experiences  are important to other railways**

☐ **Security Training**

  ✓ **International benchmarking and sharing**

  ✓ **Joint training course with safety agenda**

☐ **New Security Environment**

  ✓ **Especially focus on new threats**

  ✓ **Close look at recent economic depression**

Thank You for Your Attention