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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%)
CUSTOMER
VALUE
GREEN NETWORK
KORAIL
TRUST

Transport Conventional Line
Transport (KTX Driver)
Station Service
Rolling Stock Depot (KTX)
Electrical Engineering
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
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
- Daegu Subway Station Fire
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