Toward realization of safer city

18th December, 2018

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NEC Group at A Glance

- **242** Subsidiaries
- **169** Countries
- Net Sales USD **30B**
- Around **100K** Employees WW
- **119** year of Brand success

Core Value We Provide
- Safety
- Security
- Efficiency
- Equality

Business Domain
- Public
- Telecom Carrier
- Enterprise
- System Platform

**Global 500** Fortune company

**Top100 Innovator**
Reuters Since 2011

**Global 100 Most Sustainable Corporations**
NEC Worldwide: “One NEC” formation

Business activities in over 169 Countries and territories

242 Branches

NEC Overseas Offices

Our affiliates, Office and Laboratories
- North America: Canada-USA
- Latin America: Argentina-Brazil-Chile-Colombia-Mexico-Venezuela
- Europe / Middle East / Africa: Finland-France-Germany-Greece-Hungary-Italy-Netherlands-Nigeria-Portugal-Saudi Arabia-South Africa-Spain-Switzerland-Turkey-United Kingdom
- Asia Pacific: Australia-India-Indonesia-Malaysia-New Zealand-Philippines-Singapore-Thailand-Vietnam
- China / East Asia

2,844 Billion Yen in FY2017 Sales
The 7 themes for social value creation

- Sustainable Earth
- Safer Cities & Public Services
- Quality of Life
- Lifeline Infrastructure
- Work Style
- Communication
- Industry Eco-System
NEC’s Strength in Multimodal Biometrics

TOP OF THE CLASS IN BIOMETRICS
World No.1*

- Fingerprint Identification
- Face Recognition
- Face Video Recognition
- Iris Recognition

Patented & Leading in:
Voice, Vein & Acoustic Recognition

*Source: National Institute of Standards & Technology, NIST, US
NEC Biometric Solution Contribution

<USA> Washington D.C. Airport
Face recognition system at D.C. airport

<India> Surat City Police
Surveillance system for Safer City in Surat City

<Argentina> Tigre City
Surveillance system for Safer City in Tigre City

Airport's facial recognition system catches 2 people attempting to enter US illegally

Approx 27% reduction in Crime rate & 150 criminal cases solved

80% drop in crime rate (car theft) And 20%/year growth of visitors
Asian Games: Facial recognition & Behavior detection system

Biometrics

Suspicious person detection

Trespassing detection

Unidentified objects

NEC’s Video Analytics

Safe participation

Audience increase

Efficient Operation

Realizing safe and secure operation of large size stadium
This wide-area disaster prevention system

Project for Improvement of Equipment for Disaster Risk Management for Indonesia BMKG (Japan’s ODA Grant Aid)

- 93 Seismometers all over Indonesia
- 200 IT strong-motion seismograph
- Systems at BMKG HQ to collect information about seismic intensity, seismic waves
Submarine Cable-based Earthquake and Earthquake and Tsunami Observation Systems

Terminal Equipment

Ocean Bottom Units

Cables & Fibres

OBS: Ocean Bottom Seismometer
PG: Pressure Gauge

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Thank you
Orchestrating a brighter world

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