



# INVEST INDIA

NATIONAL INVESTMENT PROMOTION  
AND FACILITATION AGENCY

**TECHNOLOGY SHOWCASE SERIES (SMART SERIES MISSION)**

FIRST EDITION

**Technology showcase series (Smart Cities mission) is an initiative by Ministry of Housing and Urban Affairs, in partnership with Invest India, that aims to provide a platform for selected technology majors active in Smart Cities Mission, to showcase their most innovative and pertinent technologies to all Smart Cities. The Smart Cities Mission, launched in 2016, is directed towards developing smart cities across the country, making them citizen friendly and sustainable. Smart cities put data and digital technology to work to make better decisions and improve the quality of life. Three layers work together to make a smart city a success – the technology base, smart applications and data analysis capabilities and adoption and usage.**

Proposed format for the Technology Showcase series for Smart City Mission is to have at least 1 edition per month starting in December 2020 and ending in March 2021, where 2 technology majors would showcase latest global technologies being embraced by Smart Cities worldwide.

The First edition of the Technology showcase series was held on December 08 2020, from 1500 to 1630, and presented technologies of two major tech giants Siemens and Dell Technology.

### Panelist

S.no	Name of Participants	Organization	Designation
1	Shri Kunal Kumar	Ministry of Housing and Urban Affairs, Government of India	Joint Secretary and Mission Director (Smart Cities Mission)
2	Shri Rahul Kapoor	Ministry of Housing and Urban Affairs, Government of India	Director
2	Mr. Amit Midha	Dell Technology	President, Asia Pacific and Japan - Global Digital Cities
3	Mr. Ferry Chung	Dell Technology	Vice President – APJ Digital Transformation and Global Digital Cities
4	Mr. Harjeet Rekhi	Dell Technology	General Manager – Global Digital Cities
5	Mr. Kamal Arora	Dell Technology	Country Head, Public Sector, Dell Technologies India
6	Mr. Robert Demann	Siemens	CEO, Smart Infrastructure
7	Mr. Deepak Goray	Siemens	Head, Siemens Smart City and Urban Infra for South Asia.
8	Mr. Vineet Musale	Siemens	Head, Water and Wastewater
9	Mr. Chethan Seegehalli	Siemens	Head, Digitalization and Technology
10	Ms. Aishwarya Sriram	Invest India	Assistant Vice President
11	Ms. Sanchi Padia	Invest India	Senior Manager
12	Mr. Utsav Rakshit	Invest India	Associate
13	Mr. Sahil Garg	Invest India	Assistant Manger

### Venue

S.no	Venue	Platform
1	Virtual Conference	Cisco WebEx

**Invest India** – The Invest India team acknowledged the panelists and the Attendees from Smart city for attending and becoming part of the first edition of Technology Showcase series. The Invest India team welcomed Shri Kunal Kumar, Joint Secretary (Ministry of Housing and Urban Affairs, Government of India) and Mission Director (Smart Cities Mission) and Shri Rahul Kapoor, Director (Ministry of Housing and Urban Affairs) for gracing the event with their presence and requested Shri Kunal Kumar to inaugurate this session with a welcome address.

**Shri Kunal Kumar, Joint Secretary (Ministry of Housing and Urban Affairs, Government of India) and Mission Director (Smart Cities Mission)** – Shri Kunal Kumar, thanked Invest India for hosting the first edition of the Technology Showcase series that would expedite the goal of making India smarter, by bringing technology to the doorsteps of smart cities in India. Shri Kunal Kumar further congratulated Invest India on winning the prestigious UNCTAD Investment Promotion Award 2020 and recognized their valuable contribution towards the Smart City mission journey. The technology showcase post Shri Kunal Kumar's welcome was open for the pioneering companies to display their smart technologies.

#### **Siemens Showcase–**

The Siemens team gave a brief history about the companies' operations in India along with the verticals and projects undertaken by them in the smart technology space. Key highlights of the showcase -

- Citizen Centric IoT based smart city control center
- City Air Management System
- Examples of smart sustainable city projects over the world
- Case Studies of Solutions placed domestically and Internationally
  - Solution to ensured Reliable and Safe drinking water in Arunachal Pradesh
  - Scalable SCADA system and Leak Detection system for Maharashtra Jeevan Pradhikaran in collaboration with IIT Mumbai
  - IOT based Pumping station systems for Centralized Monitoring and Analytics
  - Technologies for detection of Online Leakages in Transportation Pipelines, water losses in Drinking water using Artificial Intelligence and Machine learning, Reduction of Sewer Pump Blockages and secure water supply at Optimized costs

#### **Dell Technology Showcase–**

Dell Technology indicated the demand of new infrastructure in the next decade and indicated a need for multiple approaches aligned to citizen experience and outcomes. Key highlights of the showcase –

- Approach and Key strategic projects under the Singapore Smart Nation project
  - Smart nations sensor platform – facilitating government agencies in exploiting sensors and analytics to improve service delivery and citizens daily life
  - Life SG app
- Key Public use cases and outcomes (for Campus security, City safety and Homeland Security)
- Solutions for Citizen health
  - Automated and Remote Temperature Scanning
  - Video Analytics based Person of Interest Searching and Tracking
  - Outbreak Cluster control to monitor and contain Virus spread
  - Other predictive modeling approach

**Invest India** – The Invest India team thanked both participating companies for their presentation and opened the floor to Q and A's

There were 7 Questions over the course of 20 mins asked by the smart cities

1. **Question 1 from Bihar Sharif Smart City** – Examples, domestic or International, where by use of IoT, predictive analysis has been able to foresee an issue and come out with a solution?
2. **Question 2 from Kohima Smart City** – Any solutions for Natural Disaster such as Landslides and whether similar challenges can be met using predictive and risk mitigative solutions?
3. **Question 3 from Tumakuru Smart City** – If models such as PPP, etc. could be used for undertaking projects at Smart Cities?
4. **Question 4 from Kakinada Smart City** – How does predictive traffic analysis work?
5. **Question 5 from Jabalpur Smart City** – Availability of a low cost or a revenue sharing model that would assist in reducing the cost of the project to the smart city?
6. **Question 6 from Faridabad Smart City** – Example of streetlight automation domestically or internationally and whether the automation would result in a reduction in electricity consumption?
7. **Question 7 from Shillong Smart City** – Since the Roads in Shillong are very narrow, would an Adaptive traffic control system (ACTS) be a success with Shillong?

**Invest India** – All participating Smart Cities, Shri Kunal Kumar, Shri Rahul Kapoor and the representatives from Siemens and Dell Technology were thanked for being part of the first edition of the Technology showcase series.

All participating smart cities were informed that that the presentations and associated information material will be uploaded on the SmartNet portal on the Ministry of Housing and Urban Affairs website for ease of access along with contact details of the representatives from Siemens and Dell Technology.