



GSC | 22
MONTREUX, SWITZERLAND



Smart Sustainable City Session

Delivering Data

Tuesday, March 26, 2019

Montreaux, Switzerland



Delivering Data - Enabling Communications Interoperability across Multiple Systems and Interfaces to Enable Smart Cities

Smart Cities encompass many applications, operating on multiple infrastructure systems and a broad variety of interfaces from device-system, system-system, etc. depending on specific services and use cases. Hundreds of standards are involved leading to numerous interoperability issues - and this is further complicated by emerging end devices that may not be compatible or interchangeable across platforms.

This track explores the initiatives of GSC SDOs that enable compatibility and interoperability across systems and end devices that drive new and innovative Smart Cities applications to provide a more seamless experience for their citizens. Topics may include:

Challenges in multi-access communications interfaces

Standardization needs for end device connectivity and data compatibility to communications systems

Needs for supporting system-system interoperability and multi-device to multi systems interop



AI is the Engine --- Data is the Fuel

High Quality Fuel is essential

- *Meaningful Data*
- *Interoperable Data*
- *Ethical Data*

Emerging Issues in Smart Cities Data

Interfaces - moving beyond today's mobile device

Big Data - extraordinary data growth, but often incompatible in format

Data Ownership and Security - technical and social implication frameworks for data management



Speakers

- TIA – David Bain
- ETSI – Lindsay Frost
- ITU – Ramy A. Fathy
- ATIS – Michael Nawrocki

Key items to listen for in this session

- Cities and other governmental entities are a key generator and user of smart cities data – how can we best support their needs?
- Smart Buildings – a key enabler for smart cities – what other factors will accelerate “smart” solutions?
- Numerous SDOs, numerous initiatives – how can we collaborate to best support all smart cities stakeholders?
- Overcoming silos: interoperability vertical to vertical; harmonizing technical and policy issues– how will SDOs break these barriers?