



B&T Solutions-HUB Information Technology Solutions

M2M Solutions and Services “Machine to Machine” Solutions & “The Internet of Things”

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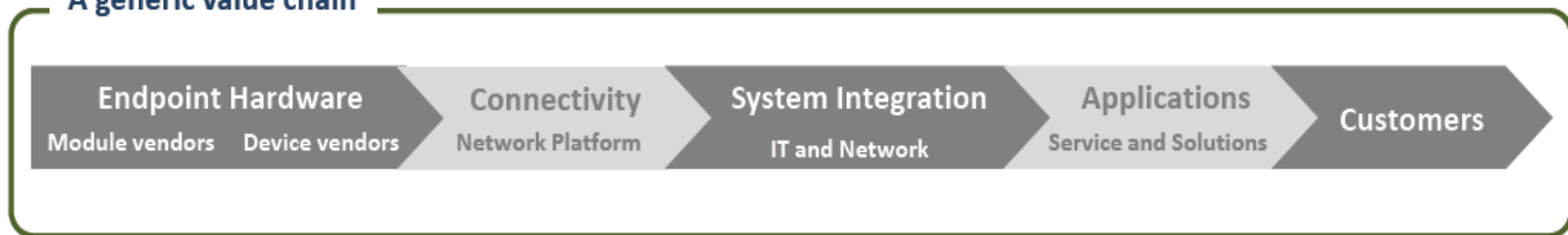




“SInX” is focused on Solutions that are based on “Machine to Machine” (M2M) technologies.....



A generic value chain

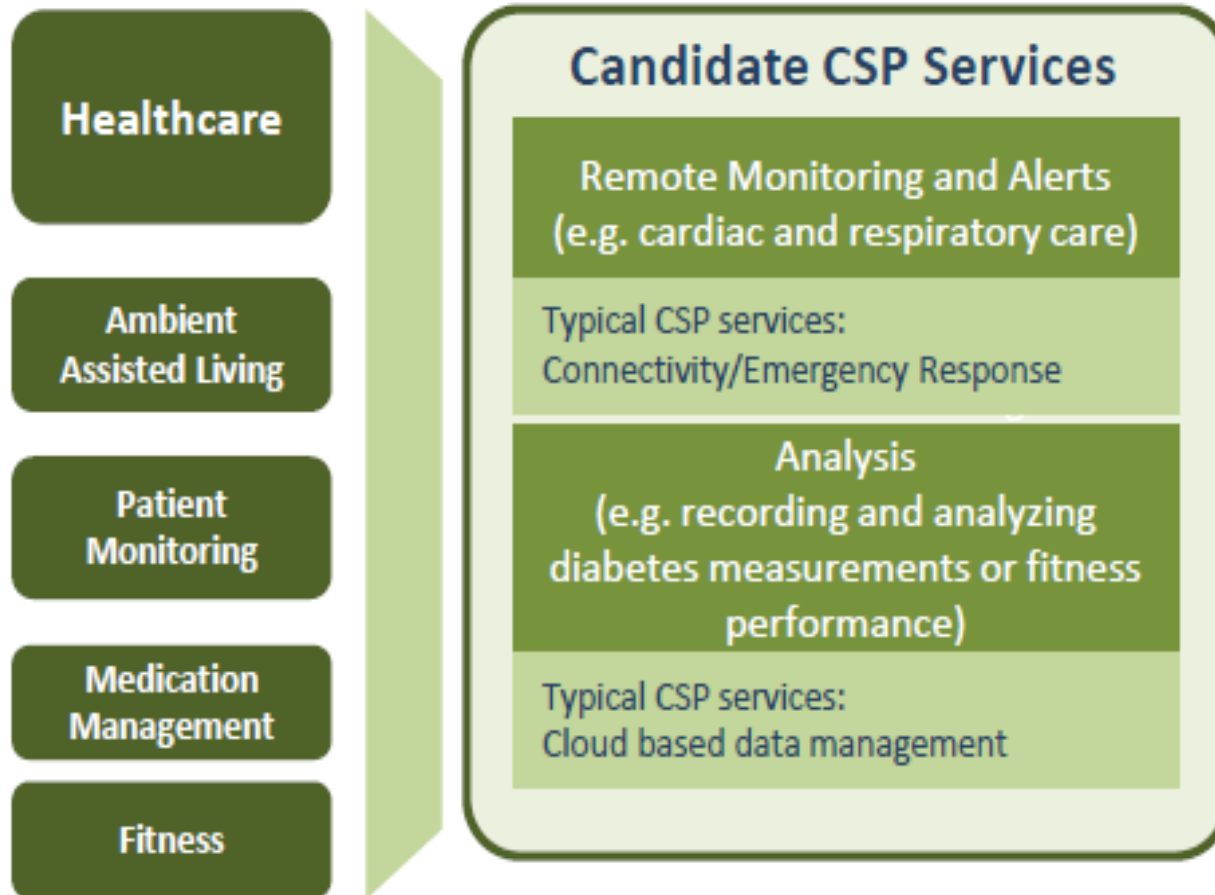


The Internet of Things facilitates Telematics and Asset Tracking in real time and online



- Generic fleet tracking, monitoring and management
- Cargo tracking and monitoring
- Stolen vehicle tracking and recovery and anti-theft devices
- Navigation devices and services
- Remote ignition disablement
- In-vehicle emergency call services
- Traffic efficiency and safety, e.g. live traffic reporting for re-routing around road congestion
- Pay as you drive (usage based) insurance
- Remote diagnostics and maintenance
- Remote functionality such as the ability to turn on a car, its air conditioning or to find a car from afar
- On board entertainment
- Dynamic road toll pricing

....and Health care services



“SInX” Subject Matter Experts and Technology providers address event driven solutions that require minimal or no manual intervention

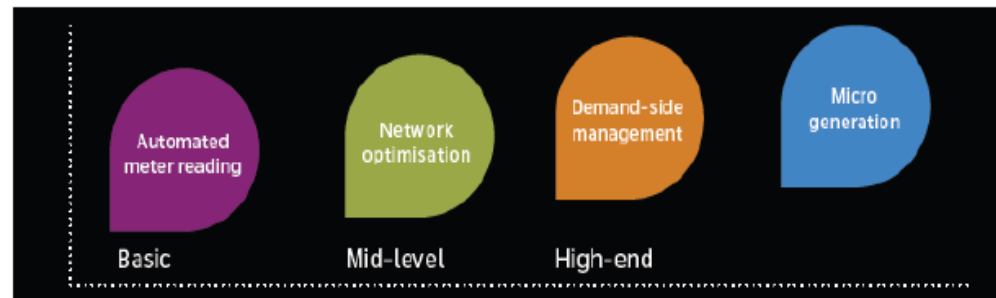


- Largest market currently with advertising within the retail market
- Emerging market opportunities include financial services, transportation and hospitality
- Efforts to broaden initiatives with an emphasis towards targeting the digital out of home (DOOH) experience

and ensure that Solutions are Validated for purpose and for commercial sustainability....

- Utilities
- Meter Reading
- Electricity, Gas, Water
- Energy Management
- Energy and HVAC

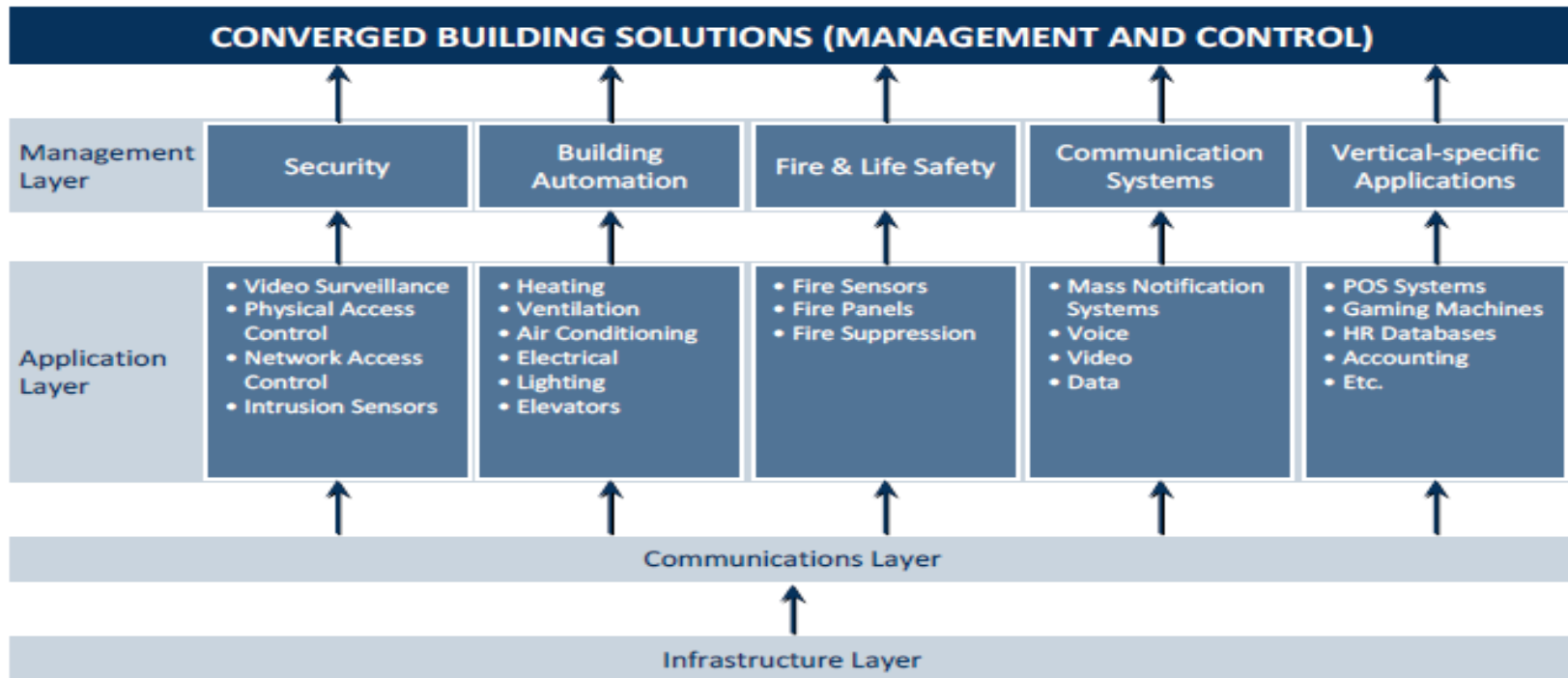
- Energy efficiency and sustainability initiatives have gained global support, driven by the strength of public policy support
 - EU has targeted smart metering to be deployed in 80% of households by 2020
 - Smart metering gaining interest in emerging markets where theft can account for 40-50 percent of the total power generated some markets
- CSPs are well positioned to support smart grid initiatives, but are challenged by efforts of utility companies to deploy dedicated communication networks



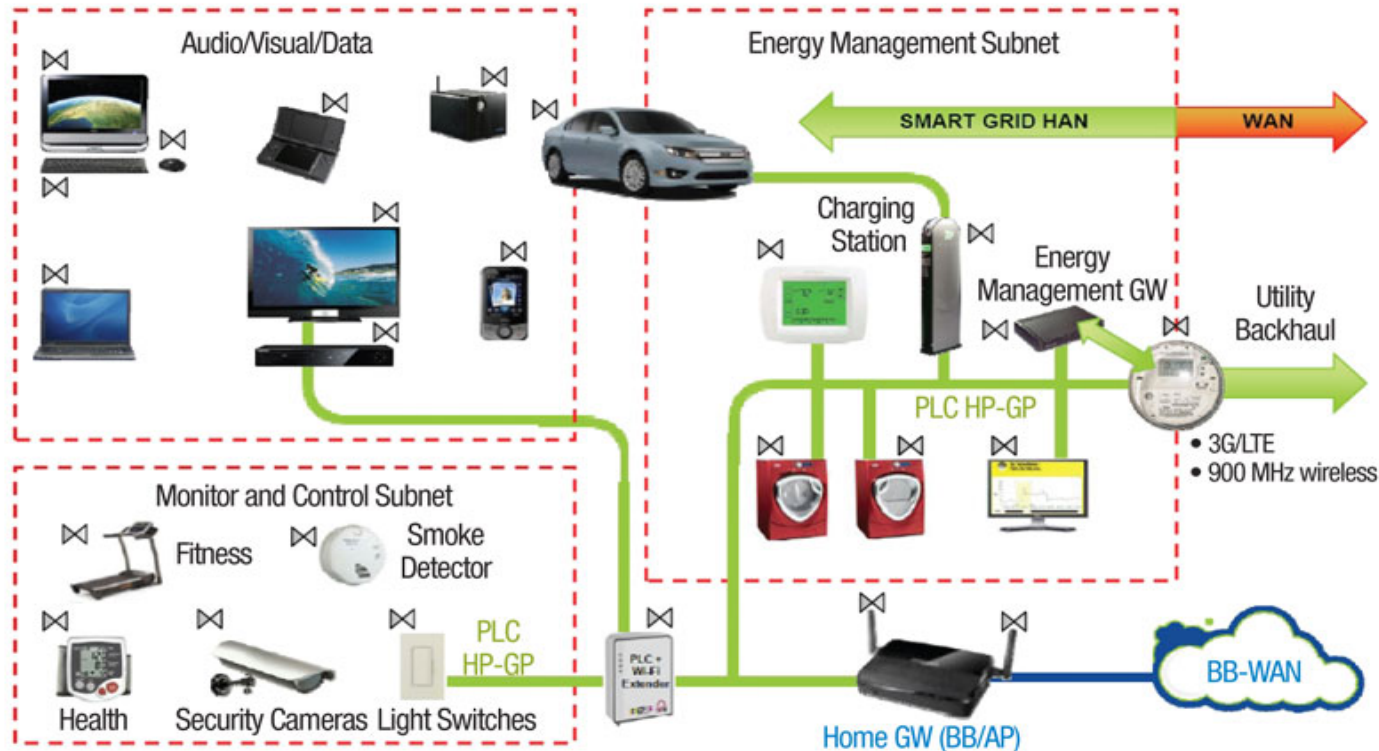
Source: Telenor (telenor|connexion) 2012

...using event based data collection, real time data consolidation & interpretation into usable information...

The Vision for Convergence in the Long Term – Integrating all Building Systems into a Comprehensive Solution

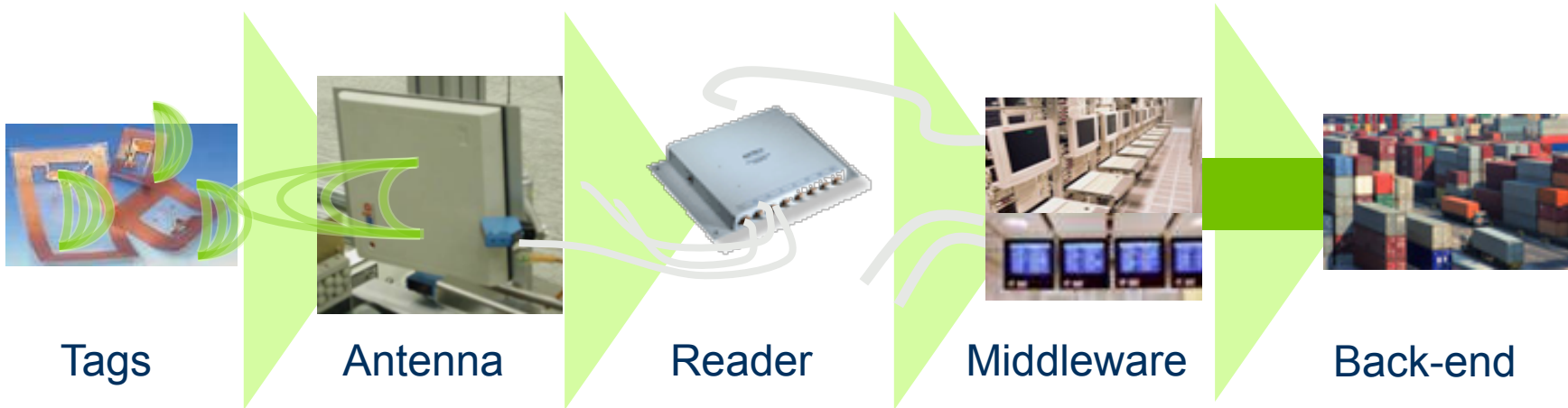


.... that drive “ready to use” modularly designed infrastructures for manually, semi manually and automatically controlled applications



- Energy Management Subnet monitors and controls major household appliances, electric vehicle charges, HVAC systems, etc
- Monitor and Control Subnet integrates and monitors activities through IP cameras for security, intrusion and fire alarms, sprinkler systems, fitness areas, etc
- Audio Visual and Data Module provides data, videos, alarms, status health check reports on various devices like Laptops, Mobile phones, email, etc

With customised tracking, tracing, controlling and reporting processes



Items have tags attached or embedded

Tags are energized by the reader and transmit their ID

Coil of wire optimized for delivery of power and commands to tag and for receiving ID's transmitted by the tags.

In many cases read ranges are short so antenna placement

Readers can typically work with 4-8 antennas to optimize coverage

Detects presence of RFID tags. Tag ID's are sent on to middleware

Controls readers and processes information (buffering and filtering)Introduces product associations, location, aggregation of assets. Creates business objects that applications can handle.

Backend SCE or ERP systems receives Information

Examples of SCE:

- Updates inventory
- Notifies shipment arrival
- Triggers procurement

....using the “SInX” global “Knowledge Base” coupled with local expertise realise customised regional and local implementations



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COMPANY PROPOSITION

Data is a commodity; each element of data has a price. Data is converted into Information and information is mined. “Data Elements” and “Information Packages” are saved and are communicated . The Challenge is the deployment of Methods and Tools for the Management of Data, the Structuring and Interpretation of Data into usable Information, the communication and the use of the Information for improving and sustaining Life is crucial but expensive, complex, disparate, and ever changing across community boundaries.

Our solutions address the needs for Integration of data / information creation, data / information management, data / information recycling, data / information communication technologies, development of the Data and Information building blocks / innovative use of the available technologies and their evolution.

Expression of “Executive, Strategic and Commercial Interest in a Partnership / Collaboration” should be directed to ***Tony Wadhawan***. This interest can be for Deployment, for Technology, for Manufacturing, for Financial (Commercial) partnership or for partnership that is Specific to project/s and could be in the form of: Joint Ventures / Partnership/s / License Agreements Franchisee Agreements, not limited to one Country / Region.