

ABB Ability™ Electrification Smart Power

Power and Productivity through IoT

James Kelly, Smart Cities 14/05/19



ABB Ability™ – Electrification Smart Power

Presentation Overview

The Transmission and Distribution Systems

LV and EVI IoT Connected Infrastructure

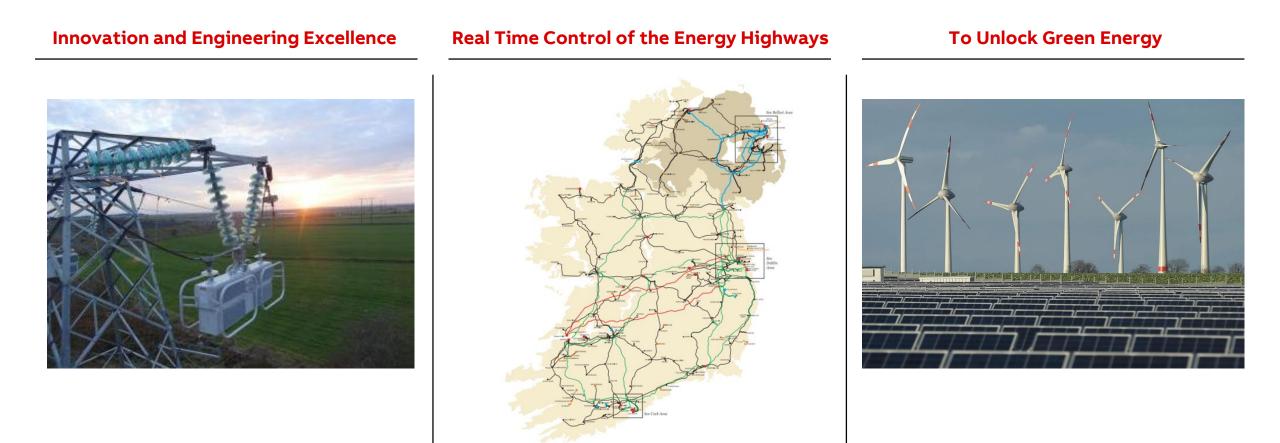
IoT Microgrids – Stronger through Connectivity

The Transmission and Distribution Systems

Pillars of the Energy and Industrial Revolutions

The Transmission System

Intelligent Planning and Operations to unlock green energy





The Distribution System

Facilitating an Active Distribution Network

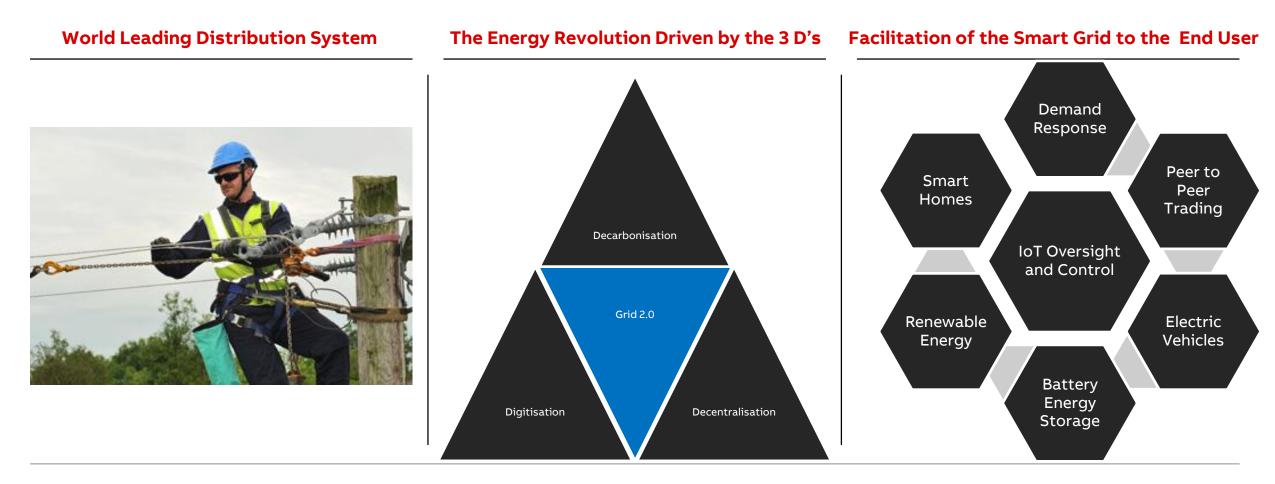


ABB Ability™ – LV IoT Connected Infrastructure

Connecting Intelligent Hardware to the Cloud to form IoT networks

ABB Ability[™] - The Internet of Things (IoT) and the Cloud

The Internet of Things (IoT) and the Cloud. Helping us to do things better

Key Point: IoT devices can talk, the cloud takes the data from IoT devices and processes it into Information through Applications

ABB Ability lives on the Cloud Schedule a service and order If the walls I'm too hot and my part no. in this house contact wear is high 123 could talk ut ja: et in et in EDCS **ABB** Ability l'm not Smart. so I can't tell EDCS EDCS you how I feel

ABB Emax 2 – an IoT Device

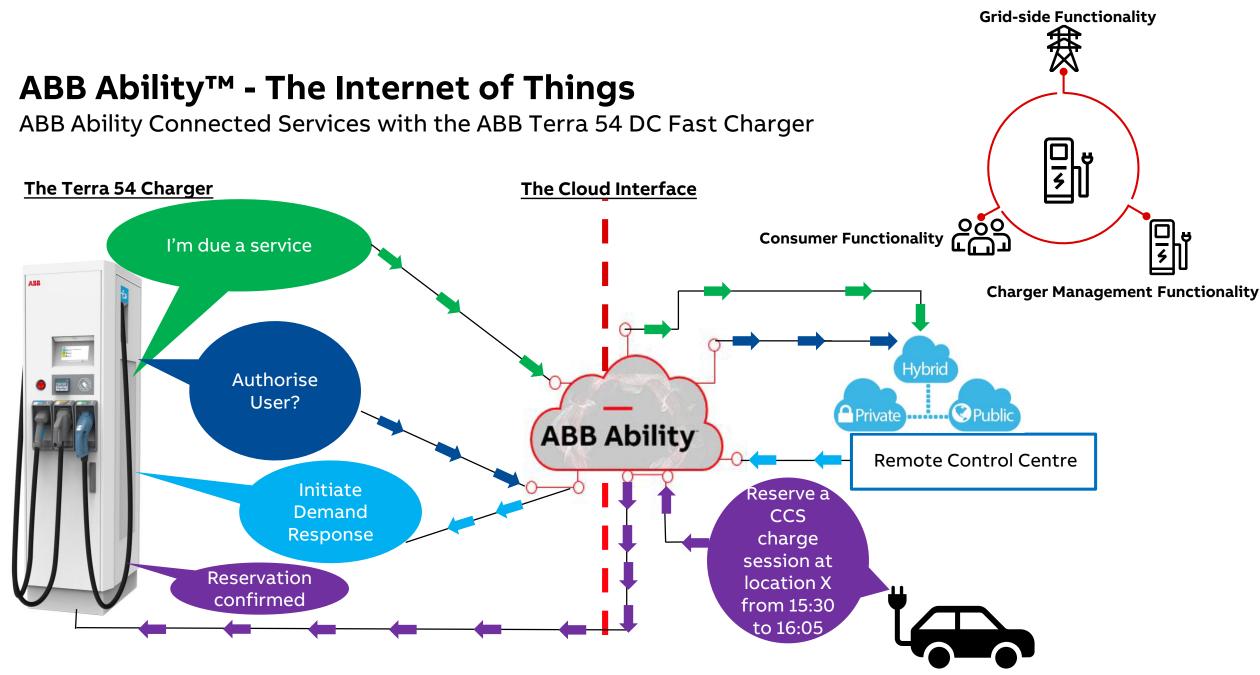


ABB Ability™ – IoT Microgrids

IoT facilitating a secure Ecosystem, and Active Participation by the End User

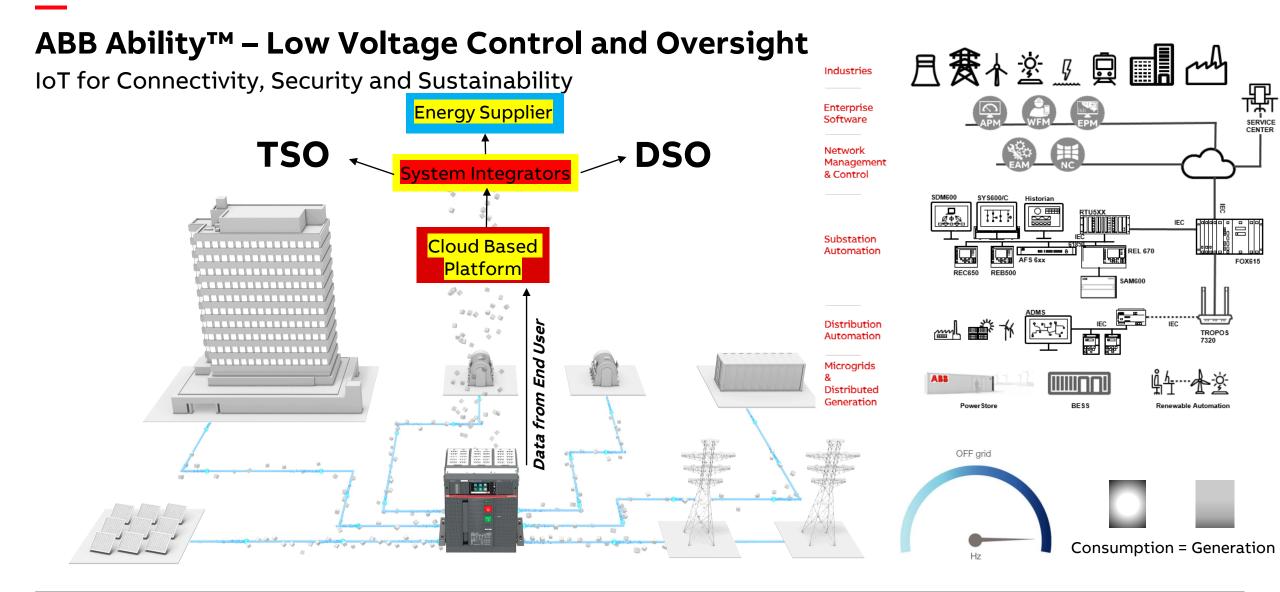
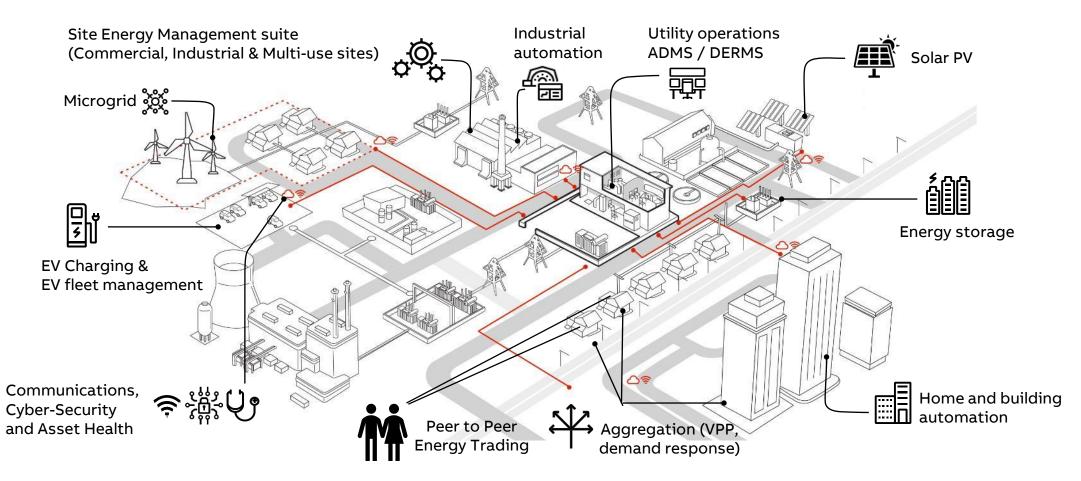


ABB Ability™ in Grid Edge Technologies

Enabling new economic opportunities while improving reliability and performance



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