

Solutions for Commercial Buildings

DESCRIPTION	<p>Every building has unique requirements, therefore, our innovative portfolio provides the flexibility in designing and implementing building solutions that adapt easily to individual needs. Moreover, your investment is secured for future modifications and extensions, especially when the building is to be used for a different purpose.</p> <p>The training covers potential offers to create workplaces where anything is possible. Through intelligent and automatic lighting, air-conditioning, heating and movement detection, we make greater energy efficiency and increased security easier than ever. With digital solutions everything can even be controlled remotely, giving you complete control wherever you are, whenever you need it most.</p>
PREQUSITE	Basic knowledge of standard electrical installations
TARGET GROUP	Local ABB organization, System Integrators
LANGUAGE	English
GENERAL INFORMATION	
ABB contact	Your local ABB
Date	16 th -17 th July 2020
Training location	RCCASIA Training Room
Trainer	ABB ELSB – Regional Competence Center (Singapore)
DAY 1, THURSDAY 16TH MARCH	RCCASIA TRAINING ROOM
09:00	Welcome
09:15	Property Safety – Emergency lighting . Whether you are planning, installing, managing or renewing emergency lighting our products, systems and services always offer you smart, state-of-the-art, highly user-friendly solutions. From office buildings, hotels, schools, hospitals to stadiums, factories and train stations, our emergency lighting provides 24-7 protection to you, your visitors and employees.
10:30	Coffee / Tea Break
10:45	<p>Energy Management – Energy Modules and Analyzers. Energy management solution for capturing and analyzing consumption data for electricity, gas, water or heat meters via M-Bus/MODBus. Web-based user interface with graphical analysis functions such as historical data, dashboard, and more.</p> <p>Using ABB’s KNX Energy Actuator, measuring energy consumption in the terminal current circuit is possible. Various electrical values can be monitored and peak loads can be limited through a simple load control.</p>
13:00	Lunch
13:45	Automation – ABB i-bus® KNX the global standard for Lighting Control . The demand for building management systems is continuously increasing as well as the demand for comfort and versatility in the management of e.g. lighting, blinds, heating, air-conditioning, and energy savings. Thanks to ABB i-bus® KNX all the essential building applications can be easily controlled, monitored and signalled via a uniform system.

15:00	Coffee / Tea Break
15:15	Automation - ABB i-bus® KNX the global standard for shading . The devices are designed for positioning blinds, roller shutters, awnings and other shading products as well as for controlling doors, windows and ventilation flaps. To protect the drives, the output contacts are electromechanically locked against each other.
17:30	End of day 1
DAY 2, FRIDAY 17TH JULY	RCCASIA TRAINING ROOM
09:00	Welcome
09:15	Automation - ABB i-bus® KNX the global standard for reducing building operating costs . Knowing if people are in or moving around the building is a valuable asset for the efficient automation of any property. The ABB i-bus® KNX range of innovative motion and presence detectors helps to control and manage daily tasks in every sector of the building – indoors and outdoors. Whether lighting, heating, air-conditioning or security related functions, this portfolio of premium design, high quality detectors can significantly improve levels of safety, efficiency and comfort throughout the building. ABB i-bus® KNX is able to perform complex logical functions to provide solutions even for the most challenging project requirements. Control tasks and time schedules can be created to execute operations without user interaction.
10:30	Coffee / Tee Break
10:45	Automation - ABB i-bus® KNX the global standard for Climate Control . ABB i-bus® KNX intelligent building control integrates the heating, air-conditioning and ventilation to a coherent and efficient climate control. Measured temperature values in the rooms are recorded and supplied to the heating and cooling control to generate the optimum temperature and air quality.
13:00	Lunch
13:45	Automation - ABB i-bus® KNX the global standard for Visualization, Display and Signaling . Networked structures work much more efficiently than individual systems. On business premises, they reduce energy consumption and operating costs. At the same time, they provide added comfort and security. ABB i-bus® control elements form the interface between this state-of-the-art technology and the users.
15:00	Coffee / Tee Break
15:15	Automation - IoT DashBoard . Dashboard display in PC, Laptop, Tablet and Smartphone Browser. The functionalities can be switching, dimming, RGB control, blinds, room temperature and fan control, weather data, freely definable displays. Automation and visualization on room, floor, building and property level as well as freely combinable. Only simple setup is needed for remote monitoring through MyBuildings portal powered by ABB Ability™ and additional paid services like "DALI-Manager".
17:00	Goodbye

SEMINAR DETAILS

Participation:

- The training is open to ABB employees and their customers.
- The participation is limited to max. 8 people
- The training language will be English
- For further coordination please contact your Your [local ABB](#).