

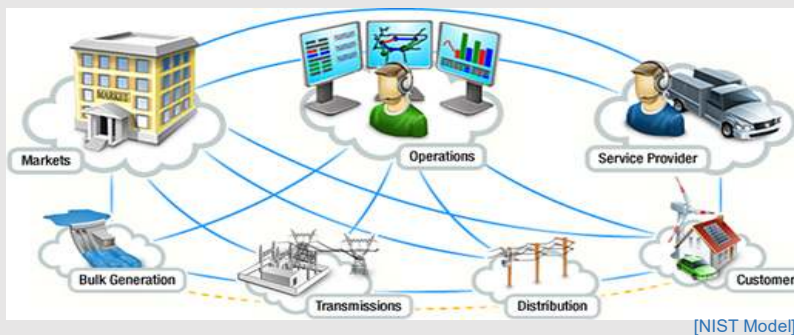


Professional Training Course: Cyber Security and Data Privacy

Engineering Consultation Center
College of Engineering and Technology
Arab Academy for Science, Technology and Maritime Transport

3 – 6 December 2018
09:00 AM. – 05:00 PM

As an outcome of the **SGT-MaP**, an EU-funded project, smart grid training courses are offered for energy sector in Egypt including utilities, government, engineers, commerce, and industry and designed for engineers, managers, executives and other professionals who need to enhance their knowledge and skills on smart grid technologies. The courses are developed through collaboration between teams of the **SGT-MaP** partners.



Course Content

- Introduction to smart grid and network architecture review.
- Big data analysis and security in smart grid.
- Cybersecurity from system engineering perspectives
- Fundamentals of applied cryptography
- Block ciphers and the Data Encryption Standard.
- Public-key Encryption and key distribution.
- Smart grid security threats and reported vulnerabilities.
- Privacy concerns in smart grids.
- Implementing security control within smart grid endpoints.

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For more information please visit: www.sgt-map.eu

SGT- MaP Partners

