

Introducing the flagship event of NERD Talks (Netline Engineering Research Development) hosted by Netline (Pvt.) Ltd. on Artificial Intelligence & the Digitilization of UPS.



26th April, 2018 – Karachi, Pakistan – Mr. Jerome Rodriguez (Regional Managing Director – Socomec) and Engr. M. Iqbal Zavary (CEO - Net-Line Pvt Ltd) welcomed and presented to a large number of professionals from Pakistan’s electrical/power Industry including CEO’s, Consultants, Senior engineers, Military personnel, Industrialists, MEP Contractors and many others from all over the Pakistan. The seminar started off by Mr. Uzair Zavary - Director (Netline Pvt Ltd) introducing NERD Talks to the audience. So what is NERD Talks exactly?

Over 60% of Pakistan will be under the age of 25 by 2020. If we want the destiny of this nation to be transformed we have to invest in our youth. **NERD Talks** is one of the most promising initiatives of Netline (Pvt.) Ltd. to increase awareness and provide a platform for **Young Aspiring Engineers** in our country to gain a platform where they can share their ideas, create innovations, learn new technologies and do research, all to contribute towards the prosperity of this nation.

Furthermore during the session, Mr. Jerome explained how Socomec is a world renowned brand & the largest European manufacturer since 1922 that believes to invest more than 10% of its total revenue (approx \$500 million) into Research & Development. Socomec is currently leading the world of Critical Power into a new revolution of technologies driven by Artificial Intelligence and Digitilization.

Here are the highlights from the presentations:

- Power Systems like Uninterruptible Power Supply’s (UPS) have reached their ceiling in terms of improvement in efficiencies, power factors, foot-print and etc. New innovations have to come

from artificial intelligence integration & Digitilization of design to improve the Machines Means Time To Repair (MTTR) & Means Time Before Failure (MTBF).

- Socomec launches the world's first **"Brick Concept- UPS"** accomplished by digitizing the machine which means that all UPS's from 10kVA to 1000kVA use common bricks. In other words these different rating machines have the same PCB's, Capacitors, Power Supplies, IGBT's and other various components. Hence reducing the MTTR to nearly zero. Similarly the MTBF improves to the world's highest tested at **1 Million** hours before failure.
- Socomec launches the world's first Artificially Intelligent Software for its UPS named **"E-WIRE"**. It enables your smart phone to communicate directly with the UPS and guide the user through the installation process. Users no longer need to depend on local engineers for commissioning, instead the Socomec Service Center located in France is directly communicating through this application for installing the UPS.
- The world of tomorrow will be of machines that can learn and adapt to problems themselves reducing human interactions and human errors. Hence, Socomec is investing a lot on **"BIG DATA"**. Socomec servers through E-Wire is also logging common UPS problems and their remedies to eventually enable the UPS to self diagnose & fix problems.
- Socomec also believes that **"SMART GRID"** concept will rapidly become the most common form of electrical designs. As a result Socomec has designed new products that can help a user become an energy producer, an energy consumer, an energy stock-ist and an energy integrator all at the same time.

Furthermore, Umair Zavary – Director Marketing (Netline Pvt Ltd) has committed that NERD Talks will continue to conduct sessions all over the country in various universities and schools. Through this platform, NERD Talks hopes to spark an interest in Engineering and innovate ideas for the future.

Lastly, Engr. M. Iqbal Zavary re-affirmed Net-Line's commitment to leading Pakistan's Power transformation through #PowerExpertise and #PowerSpecialization



Website: www.netlinepk.com | Email: marketing@netlinepk.com

Facebook: www.facebook.com/NERDTalksPk | www.facebook.com/NetlinePvtLtd

Address: 40 E, Block-6, P.E.C.H.S Off Main Shahrah-e-Faisal Road, Karachi, Pakistan.