

For Immediate Release

November 21, 2019

Avanceon secures a major Control & Automation Upgradation project for Lotte Chemical Pakistan

Karachi, Pakistan – Avanceon has been awarded contract for the upgradation of Emergency Shutdown (ESD) System at Lotte Chemical's state-of-the-art plant situated at Port Qasim, Karachi, Pakistan. The scope of work entails replacement of Yokogawa's ProSafe-SLS system with Tricon CX (SIL-3) system by Schneider Electric (SE).

The Lotte Chemical's plant at Port Qasim Karachi is the only world class manufacturer and supplier of Purified Terephthalic Acid (PTA) in Pakistan. It has the capacity to deliver 500,000 tonnes of PTA every year. A base raw material for Pakistan's textile and PET packaging industries, PTA is utilized as a part of manufacturing polyester staple fiber, polyester filament yarn and PET.

This ESD upgradation project is very crucial for Lotte Chemical as it is going to handle the emergency shutdown function for the entire plant. Essentially a lifeline for plant operations in order to minimize/avoid the consequences of emergency situations, Lotte Chemical was looking for a modern and reliable safety instrumented system that conforms to their plant's critical process safety requirements. It was also looking for an experienced technology partner/system integrator who can deliver state of the art integrated solution and provide excellent support throughout the project lifecycle.

This project is also important from a technological point of view (based on Avanceon's proposed solution) since Lotte Chemical, for the first time, is replacing the ProSafe-SLS with Tricon CX ESD system. It was an uphill task for Avanceon team to convince Lotte Chemical to make this crucial business decision and opt for SE's Tricon CX instead of straight forward Yokogawa ProSafe's upgrade. But after multiple rounds of discussions and detailed technical demonstrations, Lotte Chemical decided to go ahead with Tricon CX. This upgrade will help Lotte Chemical to better mitigate risks, eliminate incidents that result in minimizing downtime and ensure measurable operational profitability improvements.

At the signing of the contract, Junaid Mushtaq Paracha, General Manager for Sales & Marketing from Avanceon commented:

"Avanceon considers this project a dual achievement. In addition to being a world class manufacture and supplier of PTA, Lotte Chemical is a valuable customer for Avanceon. Schneider Electric, on the other hand, is a strategic partner for Avanceon that offers state of the art technology and industrial solutions. We are delighted that Avanceon's role as a linchpin resulted in a critical ESD upgrade for our client and a new revenue stream for our partner"

Avanceon, Pakistan's leading control, and automation system integrator has been serving the industry for more than 30 years now. It has an impressive history of delivering high-end control and automation projects with some of the major local and multinational clients. Avanceon's long term service history, strong project references, and a technically sound solution played a major role in acquiring this project.

For more information about this project, contact marketing@avanceon.ae

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About Lotte Chemical - Lotte Chemical is a member of the Lotte Group in Korea, which has been listed on the Korean Stock Exchange since 1991. Lotte Chemical is a leading manufacturer of petrochemical products, such as ethylene, propylene, butadiene, polyethylene, polypropylene, ethylene oxide/glycol, compound resin, polyethylene terephthalate, polycarbonate, methyl methacrylate, ethylene oxide derivatives, benzene, toluene, mixed xylene, purified terephthalic acid and purified isophthalic acid, among others. Lotte Chemical, headquartered in Seoul, has manufacturing facilities located throughout South Korea, China, Malaysia, Indonesia, Pakistan, the U.K. and the U.S. For more information, visit www.lottechem.com and <https://www.lottechem.pk/>

About Schneider Electric - Schneider Electric is working for the Digital Transformation of Energy Management and Automation in Homes, Buildings, Data Centers, Infrastructure and Industries.

With global presence in over 100 countries, Schneider is a specialist in Power Management – Medium Voltage, Low Voltage and Secure Power, and in Automation Systems. We provide integrated efficiency solutions, combining energy, automation and software.

About Avanceon - (PSX: AVN) - Avanceon is an industrial automation consultation and system integration entity in Pakistan, Qatar, UAE, KSA and United States. The company follows an ethical, proactive and sustainable approach to business. As a leading innovator within the automation industry, Avanceon provides state of the art automation solutions on three continents. Established in 1984, Avanceon is committed to providing engineering excellence to its clients and partners. Providing end to end solutions, which include Design, Supply, Engineering, Installation, Testing, Commissioning and Maintenance, Avanceon's executive management has more than extensive experience and insight within the automation and system integration industry.

Find out more about Avanceon at www.avanceon.ae



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