

NEXPO

COPA-DATA Partner Spotlight



By working together, COPA-DATA and NEXPO have already achieved some groundbreaking results. Both parties are keen to maintain the close working partnership, not least because the particular functions of zenon's Energy Edition has helped NEXPO win several revolutionary projects in the Korean Energy market.

THE PATH TO ZENON

NEXPO approached COPA-DATA Korea because, although the System Integrator had some experience in the Korean Energy market, it felt that the software it had been using presented some serious obstacles in terms of data handling and the engineering effort required to produce effective solutions.

NEXPO's engineers found that a great deal of repetition was required during the course of any project, and again between projects, which limited their engineering efficiency. A key factor in their search for a solution was the vital need that any software deployed should be extremely reliable – because the systems that NEXPO produce are electrical supervisory control systems for power plants and industrial plants.

After meeting with COPA-DATA Korea, NEXPO had a long internal meeting to decide whether it would move away from its existing software and begin to use zenon instead. Kim Jung-Bae, CEO of NEXPO, says: "The method of setting parameters instead of programming and the huge library of pre-configured tools designed for use in the energy industry made zenon a very compelling solution."

THE RANGE OF SOLUTIONS

The NEXPO team felt that zenon offered an innovative approach: a simple but complete solution which delivers extremely reliable control and monitoring. They were attracted by zenon's ease of engineering and expandability, and decided



to offer zenon as the control and monitoring solution in two major forthcoming project proposals. NEXPO won the business and, by using zenon in these two projects – the Dangjin Power plant in Chungcheongnamdo and the KOGAS LNG terminal at Samcheok – NEXPO realized that zenon could deliver easy operation and maintenance for all kinds of energy systems.

Park Mun-Hwan, Engineering Department Leader at NEXPO, says: “zenon delivers wide-ranging functionality through simple, reliable engineering. This has broadened our commercial horizons. We are now able to offer not only control and monitoring within BOP (Balance of Power) systems, but also other manufacturers, controllers and systems. Furthermore, we can implement IMCS (Integrated Motor Control System) projects using zenon and analyze fault data by using an IED setting tool.”

THE PARTNERSHIP WITH COPA-DATA

Kim Jung Bae says: “COPA-DATA’s technical support helped us overcome any anxieties we might have had about our lack of experience using zenon. For example, during our first deployment of zenon, an Energy expert from COPA-DATA’s headquarters in Salzburg travelled to Korea to assist with the Dangjin project and, in particular, the IEC-61850 standard communication that the project demanded. We are now confident in zenon’s performance and functionality. A strong partnership between our businesses has developed and I expect this to be just the beginning.”

ABOUT COPA-DATA

COPA-DATA is the technological leader for ergonomic and highly-dynamic process solutions.

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“zenon is a better quality system than any we have used before. We have found a very powerful software solution in zenon and an impressive partner in COPA-DATA Korea. I expect this will be just the beginning of a meaningful partnership between NEXPO and COPA-DATA in the Korean Energy market.”

KIM JUNG-BAE
CEO, NEXPO



NEXPO

NEXPO is a Korean system integrator based in Seongnam-Si and founded in 2003. NEXPO employs 27 people and delivered its first power plant ECMS project in 2009. The company has a proven record of delivering successful automation and engineering projects in the Korean Energy & Industrial sector.

KEY FACTS

- ▶ COPA-DATA Partner since*: 2013
- ▶ Industries served: Energy & Infrastructure
- ▶ Partner Contact Details:
1106, Woolim Lion’s Valley 3rd Bld, 24, 388
Gil, Dunchondaero, Jungwon-Gu, Seongnam-Si, 462-819 Kyeonggi-Do, South Korea
www.nexpo.kr

* The COPA-DATA Partner Community was officially introduced in 2011.