

## [OPC Application Case Studies – 국내]

SMT 라인의 OPC 기반 기종변경 자동화 및 장비 모니터링

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### [APPLICATION]

Propylene Oxide Plant (Chemicals)

### [DESCRIPTION OF THE APPLICATION]

Binzhou Chemical Group (BCG) is one of China's top 100 chemical companies. Purified Propylene Oxide is a precursor for a wide variety of spongy materials used for seat cushion, packing, and insulation.

### [EXPLANATION OF WHY OPC WAS CHOSEN]

BCG required a standards based system, enabling them to:

- select best of breed software applications
- avoid multiple drivers and parameter mapping
- eliminate the need for duplicate data entry and risk of inconsistencies associated with HMI and PLC All software had to be tightly integrated with a single common database.

### [SUMMARY OF HOW OPC WAS INSTALLED & THE BENEFITS RECEIVED AS A RESULT]

BCG chose Smar's SYSTEM302 where OPC "on the inside" acts as a software backplane in which servers and clients plug-in, as opposed to a proprietary system with an appended OPC

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