



# Case Study

## Textile Dyes Factory

### Qingdao Ciba Dyes JV, PRC China



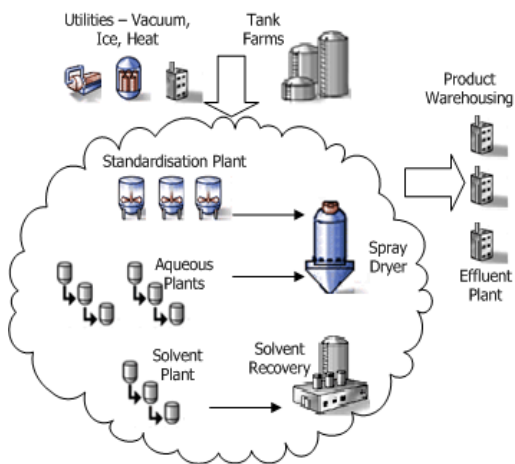
When Alba Controls take on a project, size doesn't matter. In a \$50m Chinese joint venture, Qingdao Ciba Dyestuffs chose us as their sole software integrator. They needed a partner they could trust. Alba's reputation, professional approach and outstanding quality would ensure that their first step into the textile division in China was a sure-footed one.

#### Complete Site Integration

In 1997, Alba Controls assumed the task of designing, programming and commissioning software for a highly flexible textile dye factory in the Chinese city of Qingdao.



This was a privilege and a marvellous challenge for us. We formed strong relationships with many engineers from Europe, India and China, the aim of which was to create a fully integrated, automated plant capable of maintaining Ciba's world-class reputation for quality.



#### Solution

We completed all design, planning, coding and documentation of all site PLCs, delivering a strong flexible network of automation used for the process lines, raw material supply and utilities.

The SCADA/HMI system was designed with a view anywhere concept and included around twenty-five remote stations in operation.

Alba continues to be highly customer focussed to assist in the smooth running of the plant, we even designed a dual language English ⇔ Chinese HMI system including exception reporting. Essential features like this have successfully helped the Chinese engineers support the plant and it continues to operate reliably today. A flexible and innovative design have meant no upgrades have ever been necessary.

#### The Bottom Line

At Alba Controls, we have considerable experience in quality process integration. Whether your needs are big or small, in your backyard or on the other side of the world ... We Deliver

thinking globally,  
acting locally



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Projects for