

Retrofitting

A Service provided by AICHELIN Group



CONVERSION & MODERNIZATION

Process Safety + Optimization of Downtimes

WHY YOU TOO SHOULD CONSIDER A MODERNIZATION OF CONTROLS

If your budget for maintenance of controls goes up every year, if you're losing **precious time** doing reactive maintenance works of the PLC, and if it gets **increasingly hard** to find skilled service and support for the SIMATIC S5, then you are facing problems that will only get worse without modernization.

For many decades, the SIMATIC S5 has been a **standard for control**, operation, and monitoring of thermal processing plants. But fewer and fewer technicians on site are familiar with S5 and are thus not able to provide a timely solving of issues.

Due to the technological transformation and the discontinuing of the SIMATIC S5 series by Siemens, a **modernization of control** and a **conversion to the new SIMATIC S7 technology** has become critical to the value retention of your plants. Moreover, outdated Windows operating systems increase the **potential for conflict** with the internal IT department.

Without this conversion, **functionality, availability, and efficiency** of your automation system will suffer and become an increasing risk.

THE AICHELIN SOLUTION: A SAFE AND CUSTOMIZED S7 UPDATE FOR YOUR PLANT

To minimize this risk, we offer a solution tailored to your needs, with proven AICHELIN quality. With the following steps, we can ensure plannable and reliable service.

- Detailed review of the actual situation at the beginning of the project
- Drafting and budgeting of different, individually aligned modernization options
- Possible combinations of old and new forms of presentation of your plant visualization
- Identification of a course of events for the conversion measures, including the required effort
- Hardware and software planning
- Implementation of the modernization with only a few days of production downtime thanks to precise measures
- Upfront operator training for the new user interface and optimization of the motion and operation sequences

YOUR ADVANTAGES

- Access to a wide range of integrated automation functions
- Integration of more functions such as visualization and data archiving
- Highly improved diagnosis functions and remote service ability
- Integration of control into networks
- Increase of availability and value retention of your thermal processing plant
- Future reliability thanks to the use of state-of-the-art PLC technology by Siemens (TIA Portal)
- Connection to AICHELIN-FOCOS 4.0 and AICHELIN #jakob will be possible

YOUR RELIABLE PARTNER

- Ultimate flexibility while considering customer requests (Date, scope & extras)
- Play it safe, with one of the market leaders in heat treatment
- Long-term experience to help you improve and adapt your plant