

# Retrofitting

A Service provided by AICHELIN Group





#### 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