![HEINKEL® — DRYING AND SEPARATION GROUP]

Siemens S5 to S7 upgrade

Hardware life cycle:

PLC Processor units approx. 12 years
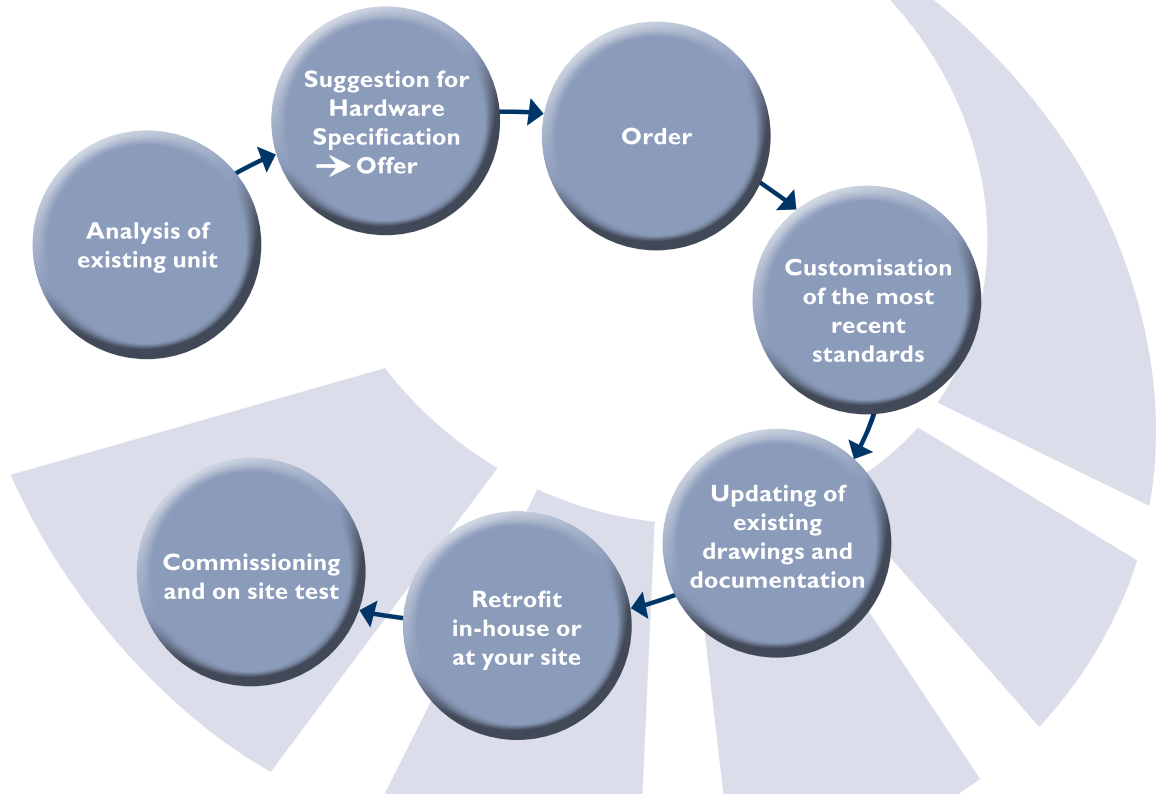**I/O modules approx. 16–20 years**

"Siemens S5 obsolete since 2003!"

"How old is your control system?"

Use our expertise to optimise your manufacturing reliability:
• Ideal and cost efficient upgrade solution • Long experience in planning and execution
• Wide performance spectrum • Single supplier service • Realisation of time critical projects
with the shortest possible downtime

Typical Project Sequence

Analysis of existing unit → **Suggestion for Hardware Specification → Offer** → **Order** → **Customisation of the most recent standards** → **Updating of existing drawings and documentation** → **Retrofit in-house or at your site** → **Commissioning and on site test**

High level of manufacturing reliability for the future:

- Ensuring supply of spare parts because of short delivery times
- Fast service using remote access

State of the Art:

- Updating and extending of machine functions
- Fail Safe Function – reduced downtime
- Direct coupling with visualisation systems (touch panels)
- Simplified link to other control units (DCS, Data logger)