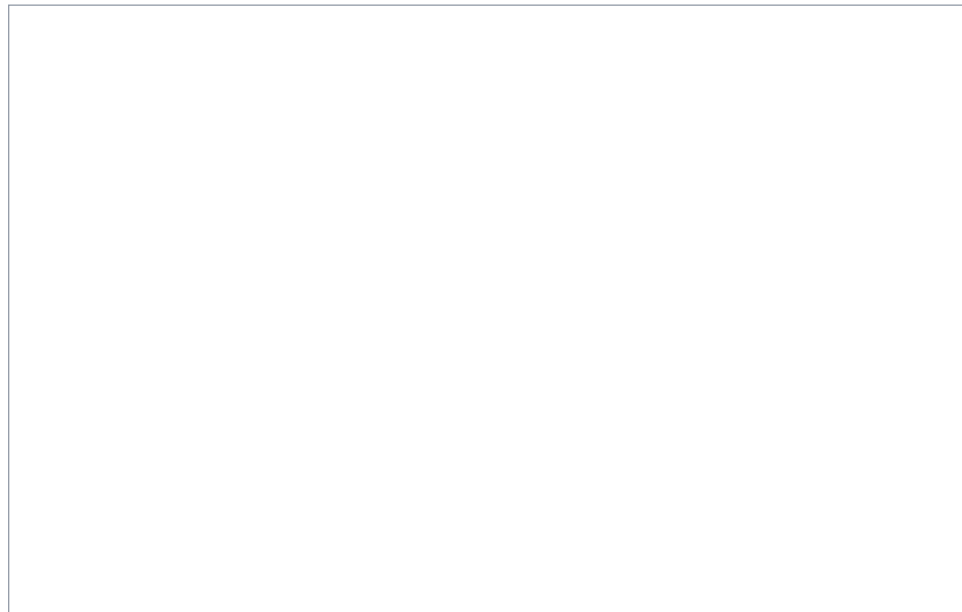




Upgrade Set to New INTERBUS Field Bus System

Preconditions:

- Machine is equipped with INTERBUS DSC card, and Siemens S7 CPU 4xx Version $\geq$ V 5.0 ready for firmware upgrade
- The selection of the INTERBUS card to be replaced is made by BWP according to the existing fieldbus topology

Included in this TIP:

- All required parts
- Necessary engineering
- Updated documentation pages for relevant sections

Estimated downtime, no production:

- 2,5 Days

Estimated startup, limited production:

- 0,5 Day

Estimated monitoring in production:

- 1 Day

Required manpower:

- 1 BW Papersystems Electrical Field Service Engineer for 4 days