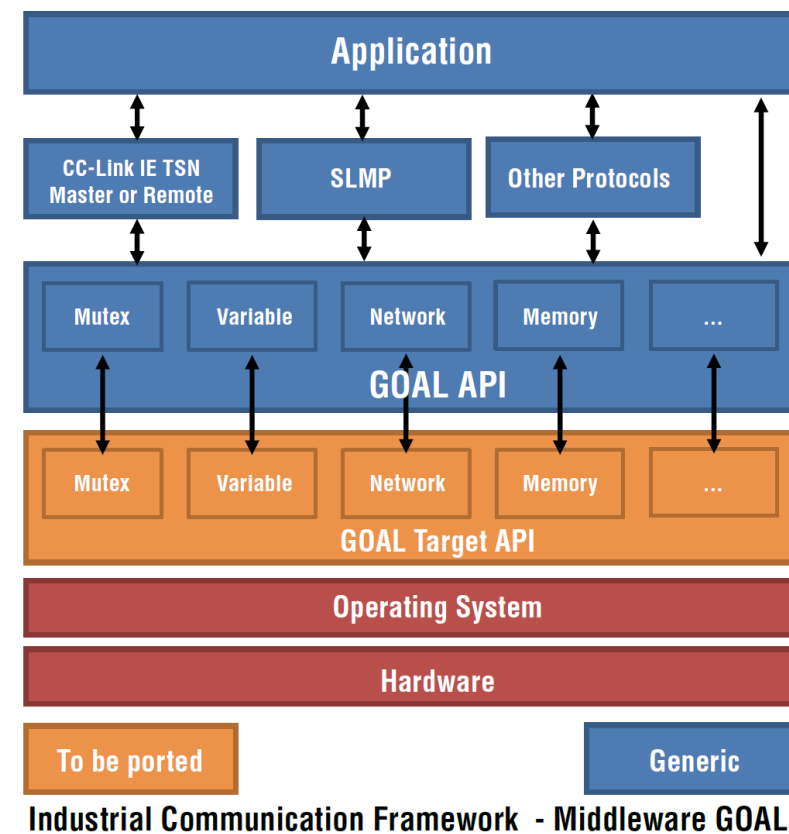


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CC-Link IE TSN Master SDK

GOAL with CC-Link IE TSN Master

- CC-Link IE TSN master station development solution that does not require a dedicated ASIC/FPGA
- Allows implementation of Management Master station and Control Master station
- Sample platform: Class B certified with NXP LS1028ARDB
- Sample platform: NXP i.MX RT1180 (To be certified soon)
Supports control of Certification Class A and B devices
- Port's Design Tool allows easy creation of application data objects (Link Devices or CANopen objects), Stack configurations and Device Description files
- Supports time synchronization via IEEE 802.1AS
- Supports hardware implementation of TDMA-scheduling (IEEE 802.1Qbv)
- Supports SLMP for cyclic transmission (Unicast and Multicast), transient transmission (RSV and NRSV), and non-cyclic data transmission
- Number of master controllable remote and local stations: ~65532
- Number of multicast groups: ~16
- Number of timeslots: ~8 (actual number available depends on target platform)



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CC-Link IE TSN Remote SDK

GOAL with CC-Link IE TSN Remote

- CC-Link IE TSN remote station development solution that does not require a dedicated ASIC/FPGA
- Allows implementation of Remote Station
- Sample platform: Class B soon to be certified at NXP LS1028ARDB
- Sample platform: NXP i.MX RT1180 (To be certified soon)
Implements Certification Class A or B
- Easy creation of configuration and device description files such as application data objects with design tools
- Supports time synchronization via IEEE 802.1AS
- Supports hardware implementation of TDMA-scheduling (IEEE 802.1Qbv)
- Supports SLMP for cyclic transmission (Unicast and Multicast), transient transmission (RSV and NRSV), and non-cyclic data transmission
- Number of timeslots: ~8 (actual number available depends on target platform)



To be certified soon

