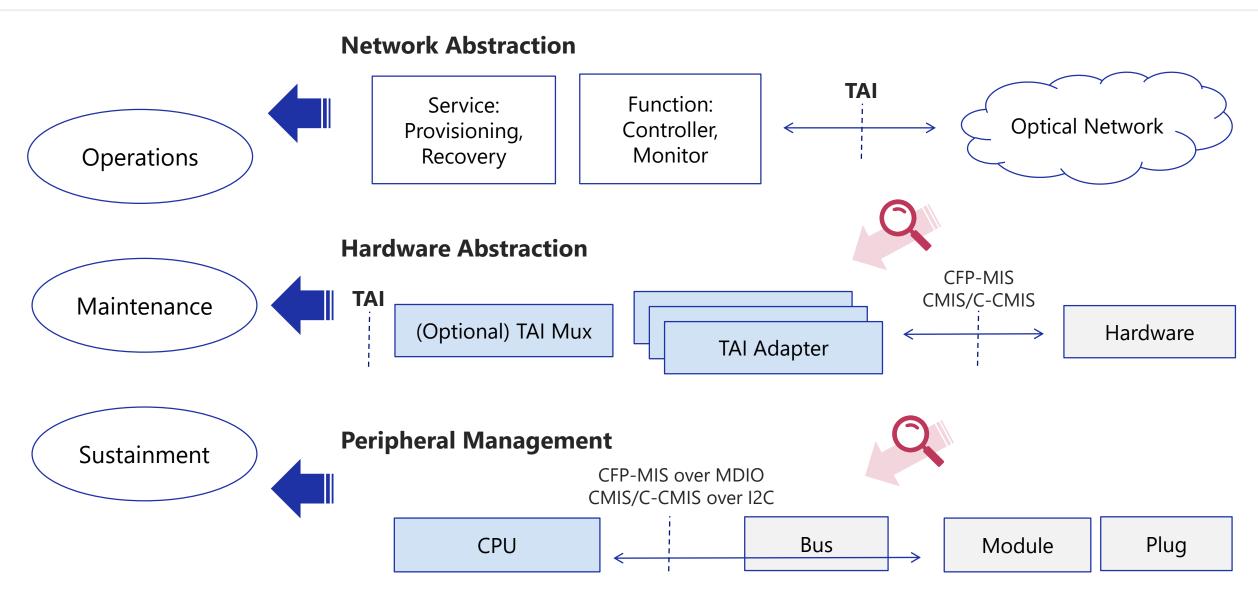


TAI Workshop

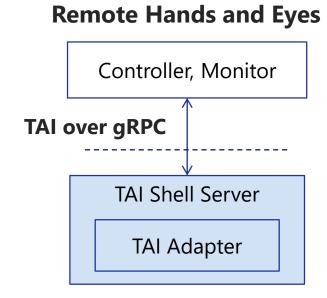
Jun. 16/17, 2021 NEC Corporation

1. Values of TAI

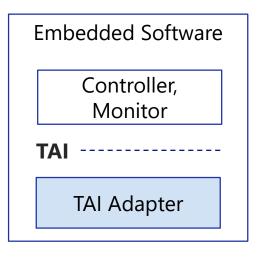


2. Network Abstraction

- ◆ Specification
 - New attribute-value pairs?
- ◆ Implementation
 - Improvement of TAI over gRPC for supporting Telemetry streaming



Library





3. Hardware Abstraction

◆ How to support multiple types of line-side devices TAI Adapter (libtai-xxx.so) efficiently? Module TAI Adapter (libtai-yyy.so) Adapter per device/vendor? ■ TAI Mux is good for adapter factory pattern? Module Hostlf NetIf Support for Gearbox-like peripheral ■ Looks like CFP-MIS has an optional multi-link gearbox support QSFP-DD **Packet Switch** Client Side QSPF-DD Line Side CFP2+TRx Gearbox

4. Peripheral Management

Providing (TAI-specific) CFP-MIS and CMIS/C-CMIS parsers might be helpful

