

Title: PHS-FWA System :General Description of Interface Specifications
between FWA Access Controller and Service Node

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between FWA Access Controller and Service node**

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This document describes the interface specifications between FWA Access Controller and Service node for PHS-FWA system.

1. General

This clause describes the general information and principles about C-IF3.0x series Interface specifications of PHS-FWA (Personal Handy-phone System - Fixed Wireless Access) System. The current C-IF3.0x series interface specifications are constructed with follows.

C-IF3.00: The Specification of PHS-FWA Access Controller - Service Node.

This document include the general information and the common principles of C-IF3.0x series.

C-IF3.01: Analogue Subscriber Interface

C-IF3.02: ITU-T G.964 (V5.1) Interface

This document is based on ITU-T Recommendation G.964 (V5.1-Interface based on 2Mbit/s).

C-IF3.03: ITU-T G.965 (V5.2) Interface

This document is based on ITU-T Recommendation G.965 (V5.2-Interface based on 2Mbit/s).

C-IF3.04: Bellcore GR-303 Interface

This document is based on Bellcore GR-303 (V-Interface based on 1.5Mbit/s).

C-IF3.05: ITU-T G.961

This document is based on ITU-T Recommendation G.961 (ISDN Basic Rate Interface).

2. Principles

All of C-IF3.0x PHS-FWA interface specification documents have following principles.

- 1) Interface specification allows to connect the Multi-vendor's WAC to same SN.
- 2) Interface specification allows to connect the Multi-operator's SN to same WAC.
- 3) Interface specification allows to use same WAC in any PHS-FWA networks.
- 4) Interface specification allows to use same SN in any PHS-FWA networks.
- 5) Interface specification allows to evolve WAC and SN separately.
- 6) C-IF3.0x PHS-FWA Interface specifications allow to support all PHS-FWA service.