

SR1 IFC Business Requirements

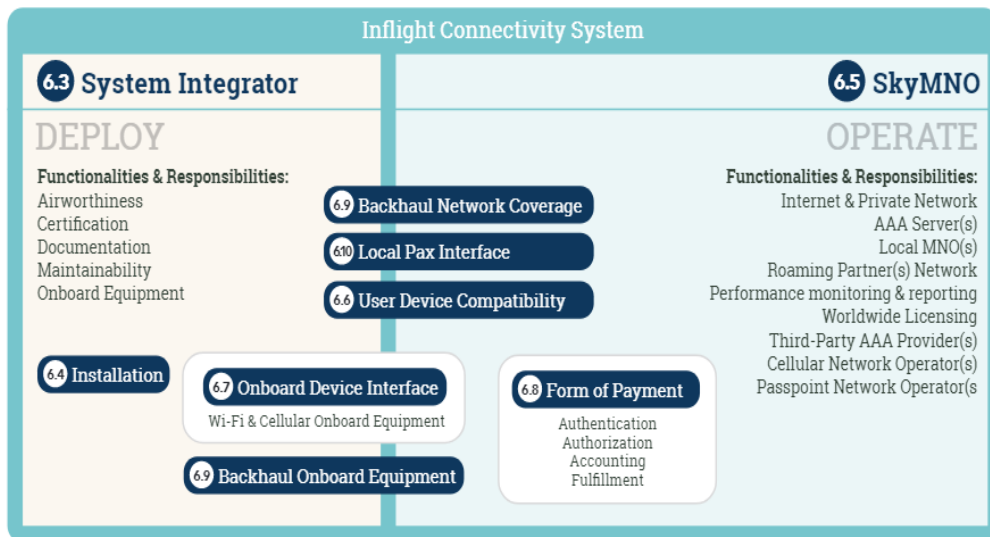
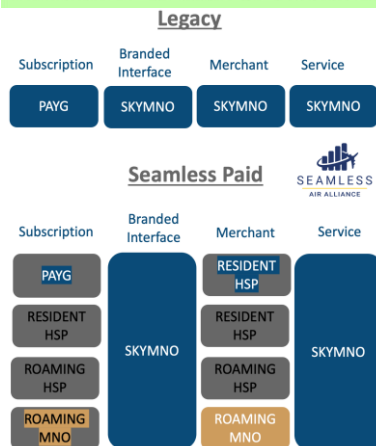
SR2 IFC Modular Architecture

SR2 System Wide Information Management

- OVERVIEW AND ROLES
- FUNCTIONAL OBJECTIVES
- 5.1 Introduction
- 5.2 Functional Objectives.....
- BUSINESS REQUIREMENTS
- 6.1 Introduction
- 6.2 Global Requirements
- 6.3 System Integrator.....
- 6.4 Aircraft Installation.....
- 6.5 SkyMNO
- 6.6 User Device Compatibility.....
- 6.7 Onboard Device Interface (ODI).....
- 6.8 Form of Payment (FOP).....
- 6.9 Backhaul Network
- 6.10 Local Passenger Interface
- CHANGE HISTORY
- LIST OF FIGURES
- APPENDIX A – COMMERCIAL MODELS

Roles are partitioned to allow for clear responsibilities.
 The Airline relationship is managed by the SkyMNO.
 The passenger relationship is managed by the Airline.
 The Sponsoring Agency manages IFC product purchase.

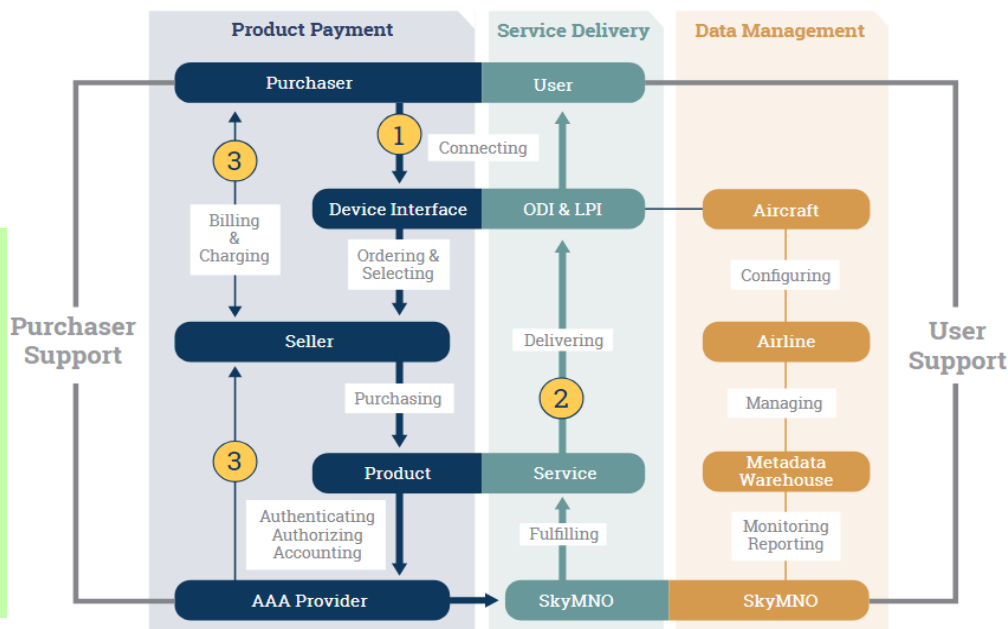
 Many entities can be the SkyMNO or the Sponsoring Agency,
 including the Airline.

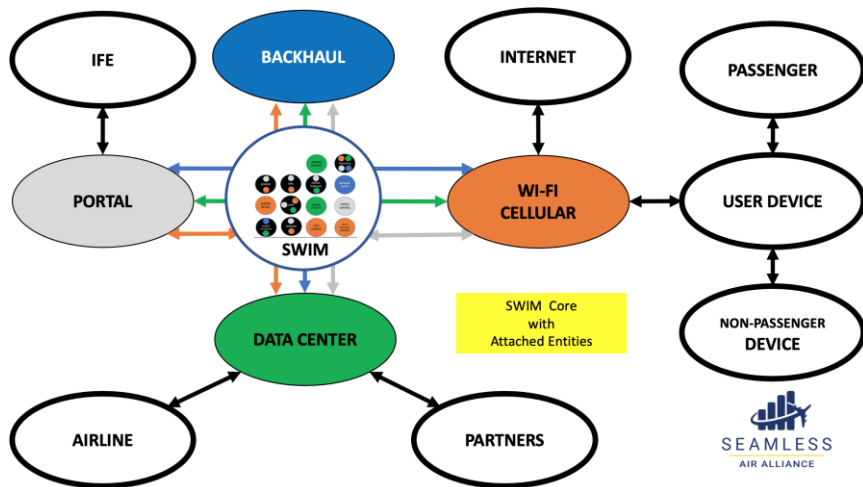
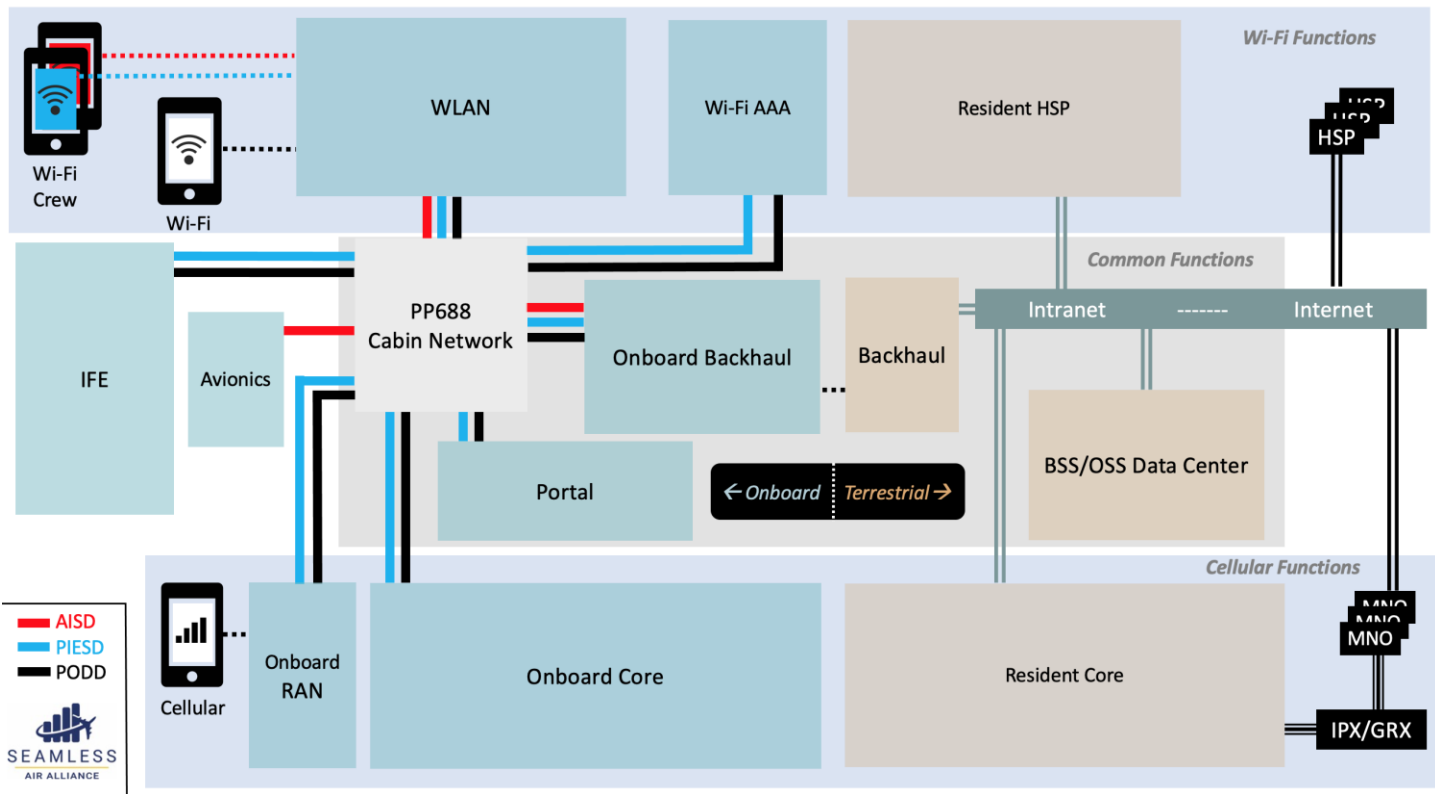


Product Purchase is an abstract concept around a seller, a product (or service), and a buyer.

IFC product fulfillment, airline and customer billing, accounting, and support are intertwined.

Cellular roaming over Wi-Fi, third-party sponsorship, and airline, can all co-exist with secure and automatic Wi-Fi attachment.





Seamless Functional Components communicate across defined interfaces.

Functional Components are interchangeable.

Functional Components may have both onboard and terrestrial presences.

The BSS/OSS Data Center is distributed across components.

SR3 Managing the IFC Experience adds EXP Nodes, with an additional layer of anonymous session data.

Backhaul, Wi-Fi/Cellular, Portal and Data Center basic components communicate in a structured and extensible manner.

System Wide Information Management (SWIM) provides for 14 islands of relational data that each component can draw from freely.

OpenIFC allows for dynamic SWIM route discovery and reconfiguration

