



# Mission

Open Access Network Forum (OANF) brings together industry stakeholders to develop deployable, interoperable technical standards and a commercial playbook for open-access networks in North America.

OANF provides a collaborative forum to align technical, operational, and commercial practices; identify gaps; and produce implementation guidance that reduces integration friction, supports scalable deployment, and accelerates deployment across the North American market.



# Objectives

## Establish A Common Foundation

Align business, operational, and technical requirements across infrastructure and service interoperability models for open-access networks in North America.

## Deliver Practical Implementation Assets

Define shared APIs, provisioning and assurance workflows to reduce bespoke integrations between ISPs and OAPs.



## Ensure Standards Compatibility

Coordinate with Broadband Forum, TM Forum, and other relevant bodies to ensure interoperability, avoid duplication, and accelerate system-level adoption.

## Enable Industry Execution

Provide reference architectures and guidance that move open access from concept to deployable implementation.

Outcome -> Reduced integration cost and time-to-market, enabling scalable open-access deployments that expand network reach and consumer choice.

# Inaugural Meeting - Open to Industry

- > Overview of OANF mission, scope, and success criteria
- > Confirm standards baseline and minimum reference views
- > Review initial technical workstreams and first deliverables
- > Discuss deployment scenarios for validation
- > Participation model
- > Next steps: timeline and communications plan
- > To attend: [Contact Form](#)

The OANF logo, featuring the letters "OANF" in a large, white, sans-serif font. The "O" is a circle filled with orange dots. Below it, the text "Open Access Network Forum" is written in a smaller, white, sans-serif font. Underneath that, "An ATIS Initiative" is written in an even smaller, white, sans-serif font, with a thin orange horizontal line above the text.

**OANF**  
Open Access Network Forum  
An ATIS Initiative

**February 26**  
**Inaugural Meeting**

# OANF Leadership



## Chair

**Scott Baker**

Expert Solution Architect

AT&T Corporate ServiceNow Platform  
Architecture

AT&T Technology Services

## ATIS Technical Leads

**Carroll Gray-Preston**

Vice President Innovation

**Roberto Yanez**

Principal Technologist

## Vice Chair

**Sajan Parikh**

Chief Technology Officer

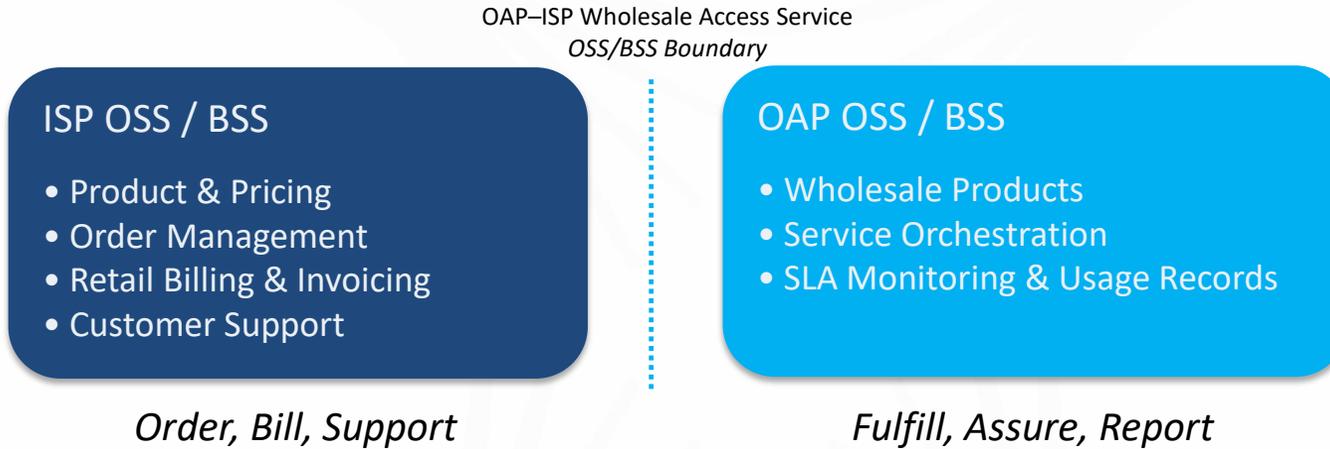
COS Systems

# OANF - Architecture Overview

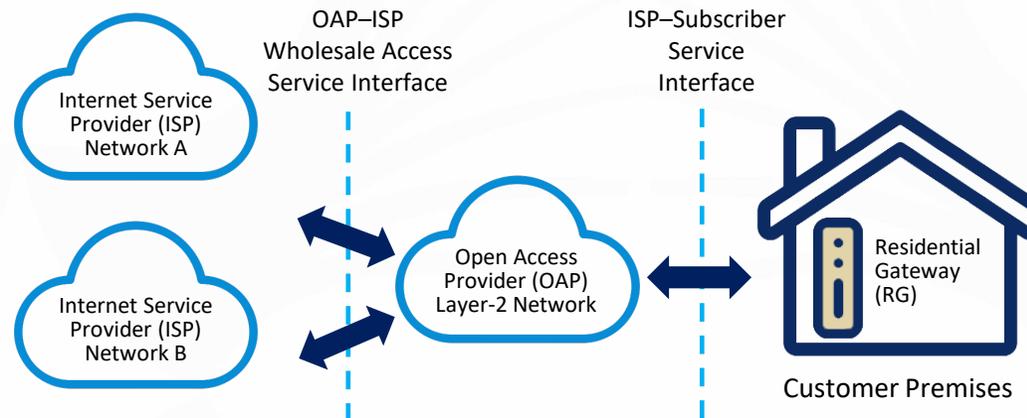
## Standardized interfaces between ISP and OAP systems

Product & Catalog | Service & Inventory | Usage & Billing | Qualification & Order | Assurance & Trouble

### OSS/BSS LAYER



### NETWORK LAYER



*Logical architecture shown; physical deployment models and API implementations may vary.*

# How We Work

- > Structured workstreams with agreed milestone targets
- > Architecture-led + flow-led method:
  - > Define minimum reference views (network + OSS/BSS integration)
  - > Define end-to-end lifecycle process flows
  - > Profile APIs, state models, and error semantics to ensure consistent implementations and reduce integration variability
  - > Validate with member feedback
- > Outputs designed to be implemented across OAPs, ISPs, and vendors

# Leveraging Baseline Standards Alignment (Starting Point)

- > TM Forum Open Digital Architecture (ODA)
- > TM Forum Open APIs (e.g., ordering, inventory, assurance, billing/settlement interfaces)
- > Broadband Forum TR-370 (scope confirmation in progress)
- > Other reference inputs: existing NA wholesale/open access operating models
- > OANF will document what is used as-is vs profiled vs requiring gap closure

# Minimum Reference Views

- > Role & responsibility model
  - > Primary Roles
    - Infrastructure Owner
    - Open Access Provider (OAP)
    - Internet Service Provider (ISP)
    - Aggregator / Neutral Host (where applicable)
  - > Supporting Roles
    - Equipment Provider
    - Systems Provider / Integrator
    - Field Operations Provider - Field operations are a delegated responsibility, performed by the OAP, the ISP, or a contracted third party, depending on the commercial arrangement.
- > Network reference architecture view (demarcation points and service abstraction)
- > OSS/BSS integration view (system-to-system interfaces and ownership)
- > End-to-end lifecycle process flows (order → activate → assure → bill/settle)

# Initial Technical Workstreams

- > Reference Architecture & Roles
- > API & Workflow Profiles (interoperable implementation profiles)
- > Provisioning & Activation Models (including construction readiness and fallouts)
- > Assurance, SLA & Operational Metrics (wholesale demarcation and reporting)
- > Commercial & Settlement Interfaces (technical enablement for reconciliation)
- > Interoperability Guidance

# Planned Deliverables (Initial Releases)

- > OANF Reference Architecture: logical + functional views aligned to open access roles
- > OANF API & Workflow Profiles: field definition, mandatory fields, state transitions, error handling, traceability
- > Lifecycle Process Flow: swim-lanes + state models + event triggers
- > North American Gap Assessment: standards alignment + NA gap-closure roadmap
- > Implementation Playbooks: repeatable onboarding and deployment guidance by scenario
- > Interoperability Guidance

# Benefits of Participation

- > Influence the North American open access interoperability baseline
- > Reduce bespoke integration and accelerate onboarding across partners
- > Help shape profiles that are implementable inside OSS/BSS stacks
- > Define and align on operational demarcation (activation, assurance, SLA, escalation)
- > Accelerate deployments through shared playbooks and reference flows
- > Network with key operators, OAPs, ISPs, integrators, and ecosystem partners
- > Establish industry KPIs

# Who Should Join?

Participants typically bring technical experience across fiber access networks, wholesale-to-retail models, service onboarding, interoperability, and operations, and share an interest in advancing open access network models to be aligned with North American standards and frameworks.

Technical engineers, architects, and strategy leaders are encouraged to participate.

# How to Get Involved

- > OANF is membership-based, open to both ATIS and non-ATIS members.
- > [Membership Application Form](#)
- > 2026 Membership Fees:
  - ATIS Members - \$7500
  - Non-ATIS Members >\$50m annual revenue - \$10,000
  - Non-ATIS Members <\$50m annual revenue - \$5,000
- > Attend February 26 Inaugural Meeting for more information, open to industry
  - Subsequent meetings will be open to OANF members
- > Learn More: [oanf.atis.org](https://oanf.atis.org)