

Release Management Motivation and Benefits



- A **CAMARA Meta-Release** combines a set of CAMARA API versions to a **consistent** release.
- There will be **two Meta-Releases per year** (in spring and fall).
 - Network operator can plan their implementations and deployments in production.
 - API customers can plan the integration in their platform and applications.
- All API versions within that release **fulfill defined quality criteria** and are **compliant to current CAMARA standards** like CAMARA Commonalities and Identity and Consent Management guidelines.
- **CAMARA Meta-Releases** ensure the
 - Availability of consistent API definitions (by use of guidelines, templates, and linting),
 - Quality of API definitions (by use of checklists, test definitions, and release management),
 - Stability of API definitions (clear criteria for stable versus “initial” API versions) and
 - Reliability of schedule and deliverables (with defined milestones and release candidates).
- **CAMARA Meta-Releases** provide the foundation for an API version management in production.

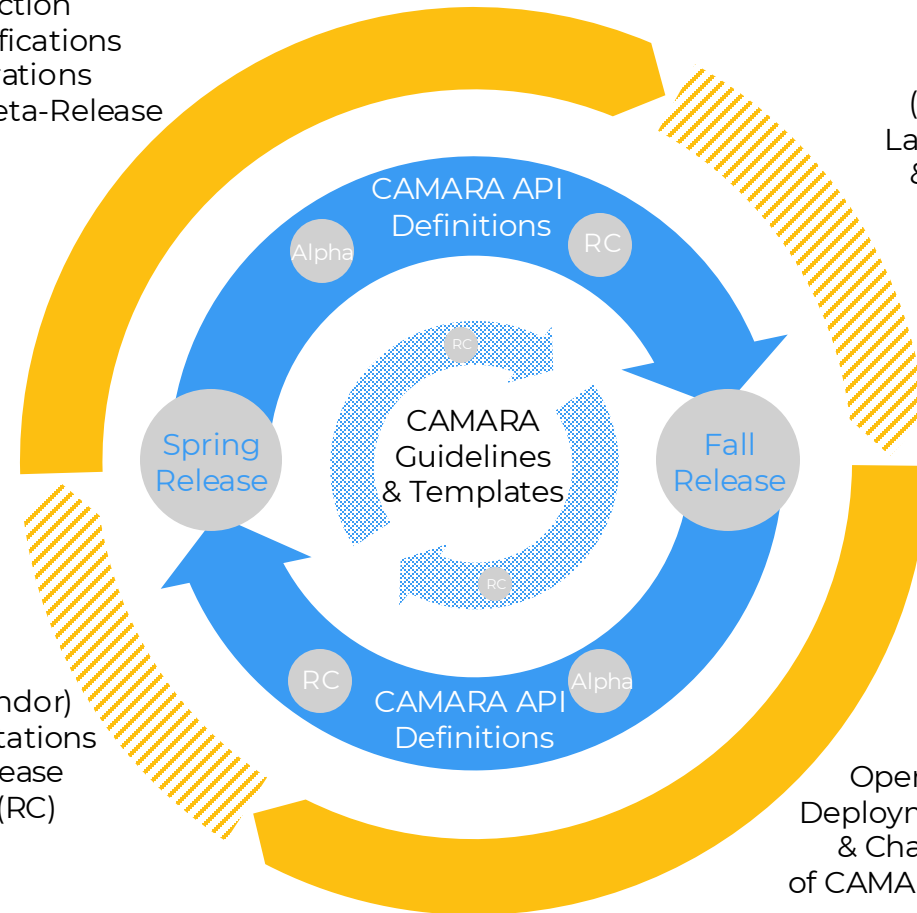
Release Management Release Cycle



CAMARA
THE TELCO GLOBAL API ALLIANCE

- 2 releases each year
 - Fall Release ~ mid/end of September
 - Spring Release ~ mid/end of March
- Continuous and overlapping cycles
 - Update of CAMARA guidelines
 - Development and updates of API definitions in CAMARA
 - Lab implementations and production deployments at network operators
- Tests of API release candidates
 - Within operator (lab) implementations
 - Based on CAMARA test definitions
- Feedback in all phases
 - From (lab) implementations and deployments to CAMARA API definitions and guidelines
 - From API definition work to CAMARA guidelines

Operator Production
Deployments, Certifications
& Channel Integrations
of CAMARA Spring Meta-Release



(Operator/Vendor)
Lab Implementations
& Tests of Release
Candidates (RC)

(Operator/Vendor)
Lab Implementations
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Operator Production
Deployments, Certifications
& Channel Integrations
of CAMARA Fall Meta-Release

For details see <https://wiki.camaraproject.org/display/CAM/Meta-release+Process>

Meta-Release Fall 2024



CAMARA
THE TELCO GLOBAL API ALLIANCE

Stable CAMARA APIs (v1.0.0)
Previous versions launched in at least one market¹



Updated CAMARA APIs
Previous versions launched in at least one market¹



New APIs with initial versions (v0.x)

Application Profiles

Call Forwarding Signal

Carrier Billing Refund

Connectivity Insights

Population Density Data

QoD Provisioning

New APIs to subscribe for event notifications in CloudEvents format

Connectivity Insights Subscriptions

Device Reachability Status Subscriptions

Device Roaming Status Subscriptions

Geofencing Subscriptions

SIM Swap Subscriptions

¹ Source: <https://www.open-gateway.com/operators-map> and <https://wiki.camaraproject.org/display/CAM/Meta-release+Fall24>

² OTP = One Time Password

³ KYC = Know Your Customer

Beyond Meta-Release – Upcoming APIs



CAMARA
THE TELCO GLOBAL API ALLIANCE

Upcoming APIs Work in progress or newly started

Age Verification
(KYC¹)

Application Endpoint
Discovery (Edge Cloud)

Blockchain
Public Address

Click To
Dial

Device Data Volume
(Device Status)

Device
Identifier

Device Quality Indicator
(Device Status)

Device
Swap

Edge Application
Management (Edge Cloud)

Network Access Management
(Home Devices)

Network Slice
Booking

Number Recycling
(KYC¹)

Most Frequent Location
(Location Insights)

Region
Device Count

Short Message
Service

Site to Cloud
VPN

Subscription Status
(KYC¹)

Tenure
(KYC¹)

Traffic Influence
(Edge Cloud)

Verified
Caller

WebRTC –
BYON²