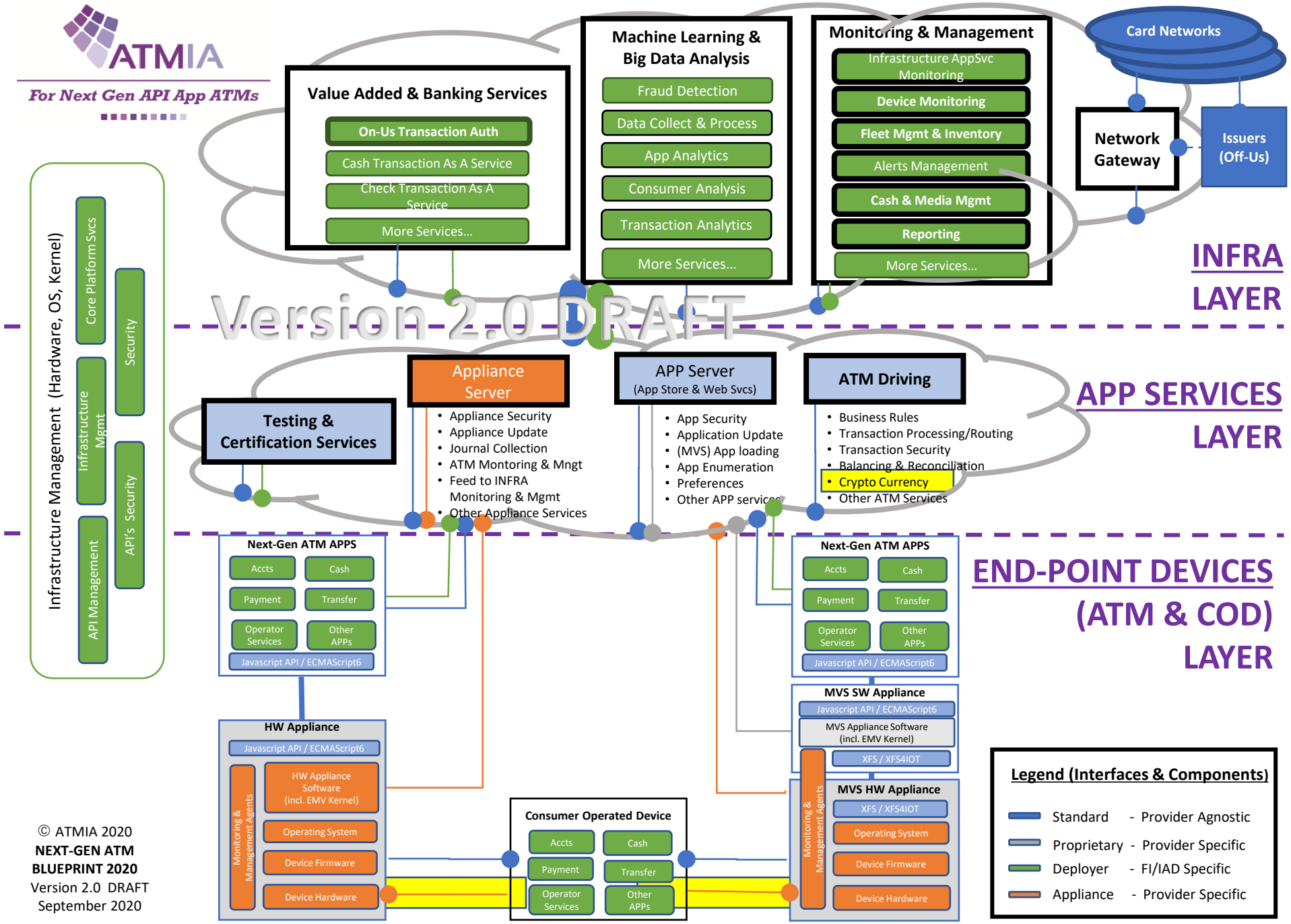
ATMIA
For Next Gen API App ATMs
Value Added & Banking Services
On-Us Transaction Auth
Cash Transaction As A Service
Check Transaction As A Service
More Services...
Machine Learning & Big Data Analysis
Fraud Detection
Data Collect & Process
App Analytics
Consumer Analysis
Transaction Analytics
More Services...
Monitoring & Management
Infrastructure AppSvc Monitoring
Device Monitoring
Fleet Mgmt & Inventory
Alerts Management
Cash & Media Mgmt
Reporting
More Services...
Card Networks
Network Gateway
Issuers (Off-Us)
INFRA LAYER
Version 2.0 DRAFT
Infrastructure Management (Hardware, OS, Kernel)
Core Platform Svcs
Security
Infrastructure Mgmt
API's Security
API Management
Testing & Certification Services
Appliance Server
Appliance Security
Appliance Update
Journal Collection
ATM Montoring & Mngt
Feed to INFRA Monitoring & Mgmt
Other Appliance Services
APP Server
(App Store & Web Svcs)
App Security
Application Update
(MVS) App loading
App Enumeration
Preferences
Other APP services
ATM Driving
Business Rules
Transaction Processing/Routing
Transaction Security
Balancing & Reconciliation
Crypto Currency
Other ATM Services
APP SERVICES LAYER
Next-Gen ATM APPS
Accts
Cash
Payment
Transfer
Operator Services
Other APPs
Javascript API / ECMAScript6
HW Appliance
Javascript API / ECMAScript6
HW Appliance Software (incl. EMV Kernel)
Operating System
Device Firmware
Device Hardware
Monitoring & Management Agents
Consumer Operated Device
Accts
Cash
Payment
Transfer
Operator Services
Other APPs
Next-Gen ATM APPS
Accts
Cash
Payment
Transfer
Operator Services
Other APPs
Javascript API / ECMAScript6
MVS SW Appliance
Javascript API / ECMAScript6
MVS Appliance Software (incl. EMV Kernel)
XFS / XFS4IOT
MVS HW Appliance
XFS / XFS4IOT
Operating System
Device Firmware
Device Hardware
Monitoring & Management Agents
END-POINT DEVICES (ATM & COD) LAYER
Legend (Interfaces & Components)
Standard - Provider Agnostic
Proprietary - Provider Specific
Deployer - FI/IAD Specific
Appliance - Provider Specific
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NEXT-GEN ATM BLUEPRINT 2020
Version 2.0 DRAFT
September 2020