

Forum Sentry

Deployment Architecture Concepts

Product Focus:



WINDOWS



LINUX



SOLARIS



VMWARE



CLOUD

Models:

456X Rev B

1 U Form Factor, FIPS 140-2 Level II Chassis, Integrated FIPS 140-2 Level II HSM (optional). 32 GB RAM, 1 TB HD

456X Rev C

1 U Form Factor, FIPS 140-2 Level II Chassis, Integrated FIPS 140-2 Level II HSM (optional). 256 GB RAM, 800GB Flash Cache, 2 TB HD

Virtual Appliance

Fully encapsulated virtualized rendition of 456x system in a deployable OVA VMWare system

Software Sentry

Windows, Linux, or Solaris deployable Sentry (single-package install)



Core Features: Security, Identity, Mediation

Identity Enforcement

- WSS, Kerberos, DSIG
- HTTP, OAuth, SAML
- Cookie, SSL X509, URI
- Message-to-Protocol,
- Protocol-to-Message

Access Control & SSO

- Credential Persistence
- Session Management
- Attributes, Roles
- SAML 1.0/1.1/2.0,
- OAuth 1.0, 2.0

Threat Mitigation

- Content-Aware (SOAP, XML, REST, ...)
- Intrusion Detection and Prevention
- Rate-based rules, Size-based rules
- Antivirus Engine, Pattern recognition

Data Privacy

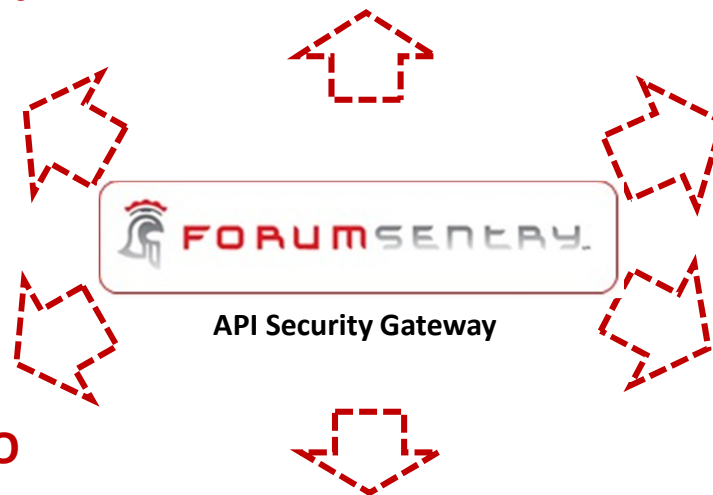
- Content Encryption
- Content Decryption
- SSL / TLS

Integrity and Trust

- Digital Signature
- Signature Verification
- Schema Validation

Behavior Monitoring

- Archiving
- Logging
- Monitoring
- Reporting





Use Cases

- **Single Sign-on (SSO)**

Forum Sentry often functions as an SSO entity with enhanced Trust, Data and Access Control context.

- **Identity Management & Access Control**

Single platform brings context and more authority over Identity, Content and Access Control while also reducing previously redundant and dense Identity check network traffic and cost.

- **Web Services, XML, REST API Security**

Properly securing your XML, SOAP, JSON and REST traffic

- **Modern Architecture Design**

Tier 0 architecture design for secure, sophisticated and simplified Identity, Security, Access Control management.

- **Cyber Security**

Line speed layer 4 through 7 payload and content inspection, validation and virus scanning.

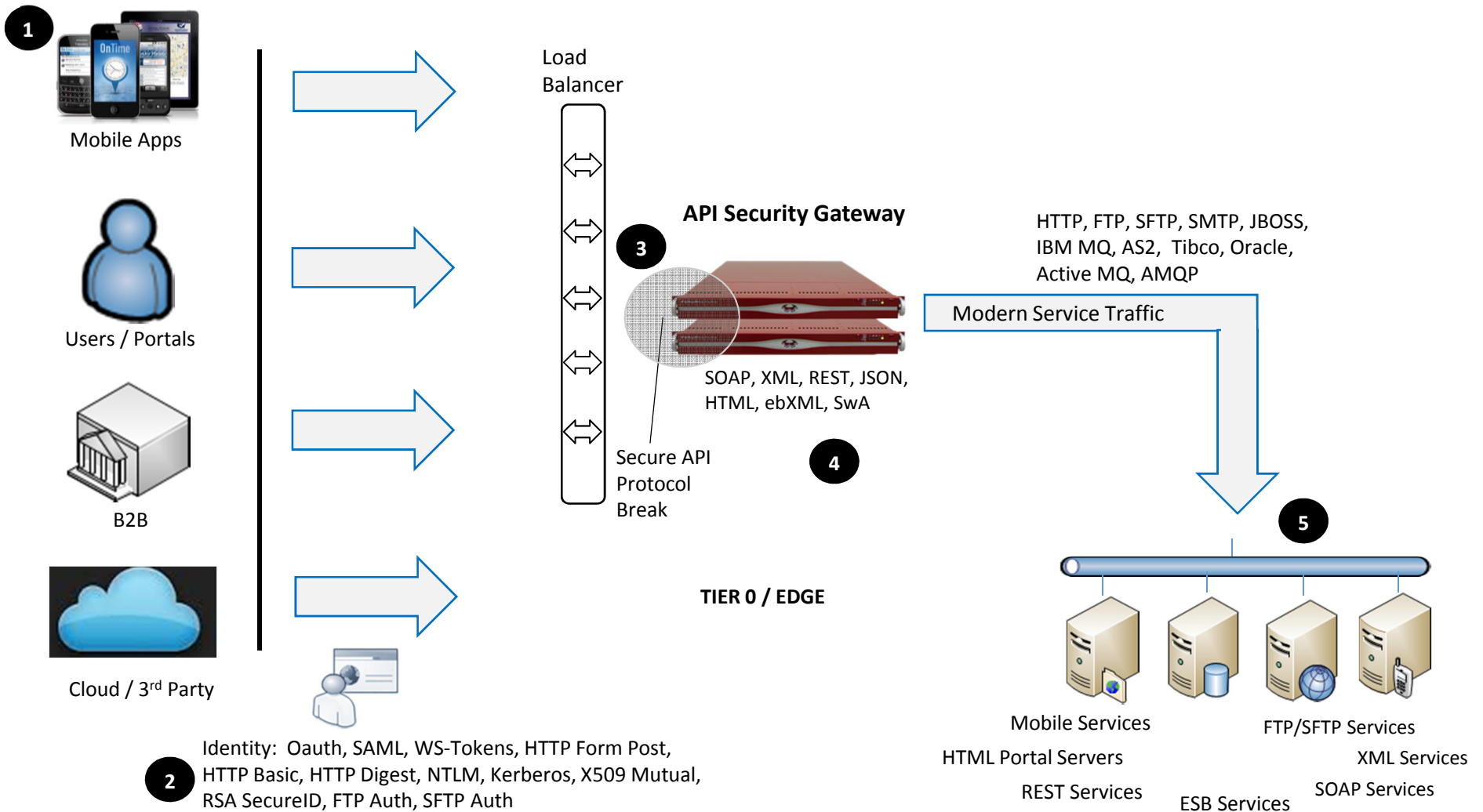
- **Mobility, IT Modernization and Integration Initiatives**

Tier 0 versus End Mile coding of Identity, Security for system to system (Cloud, Mobile, B2B). Forum Sentry has strong integration capabilities than supports more rapid, simplified and comprehensive policy management.

- **Secure Storage**

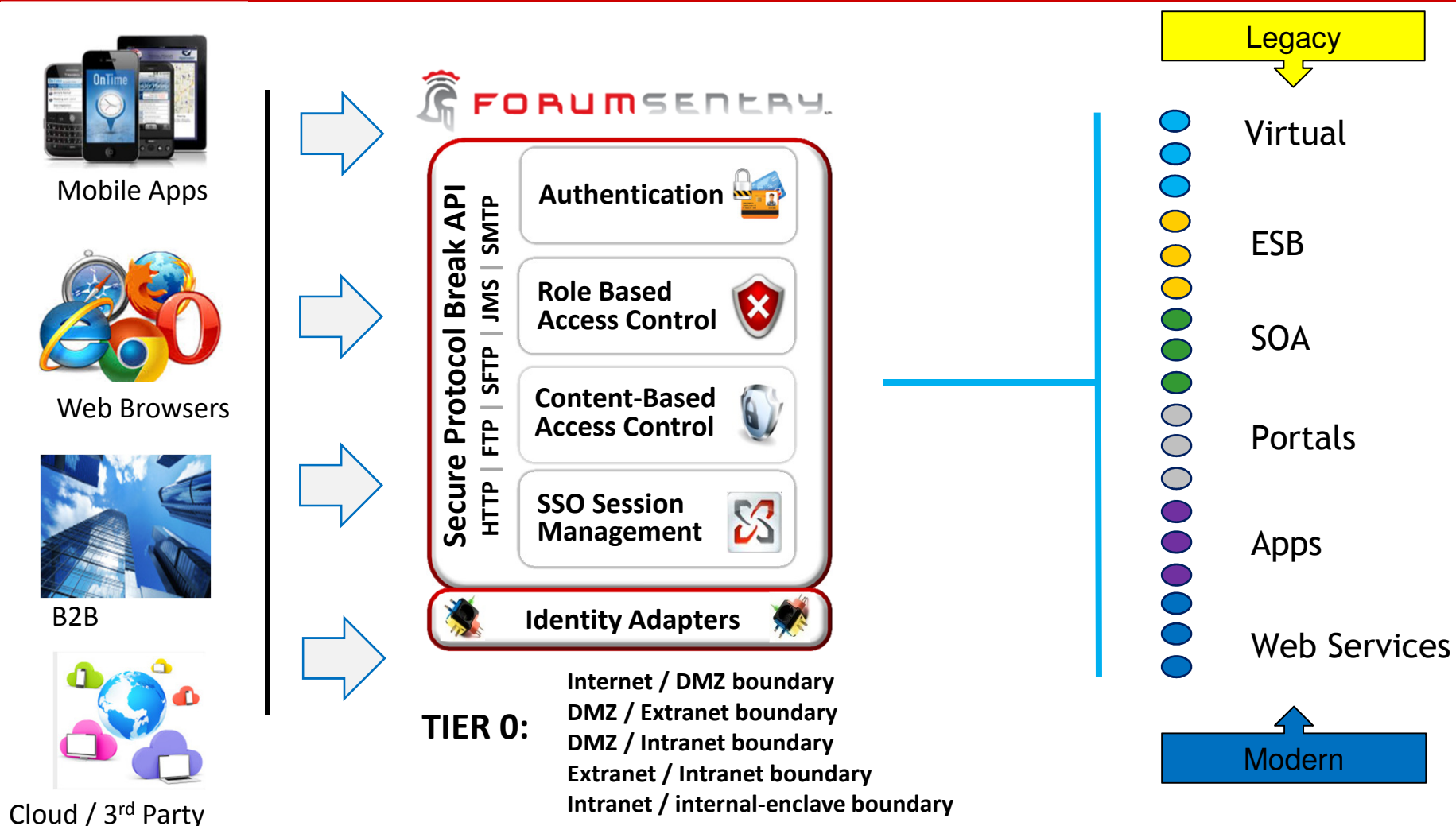
Forum Sentry Cloud Controller enables secure scale-out, seamless integration with cloud storage providers

API Security – Edge Deployment



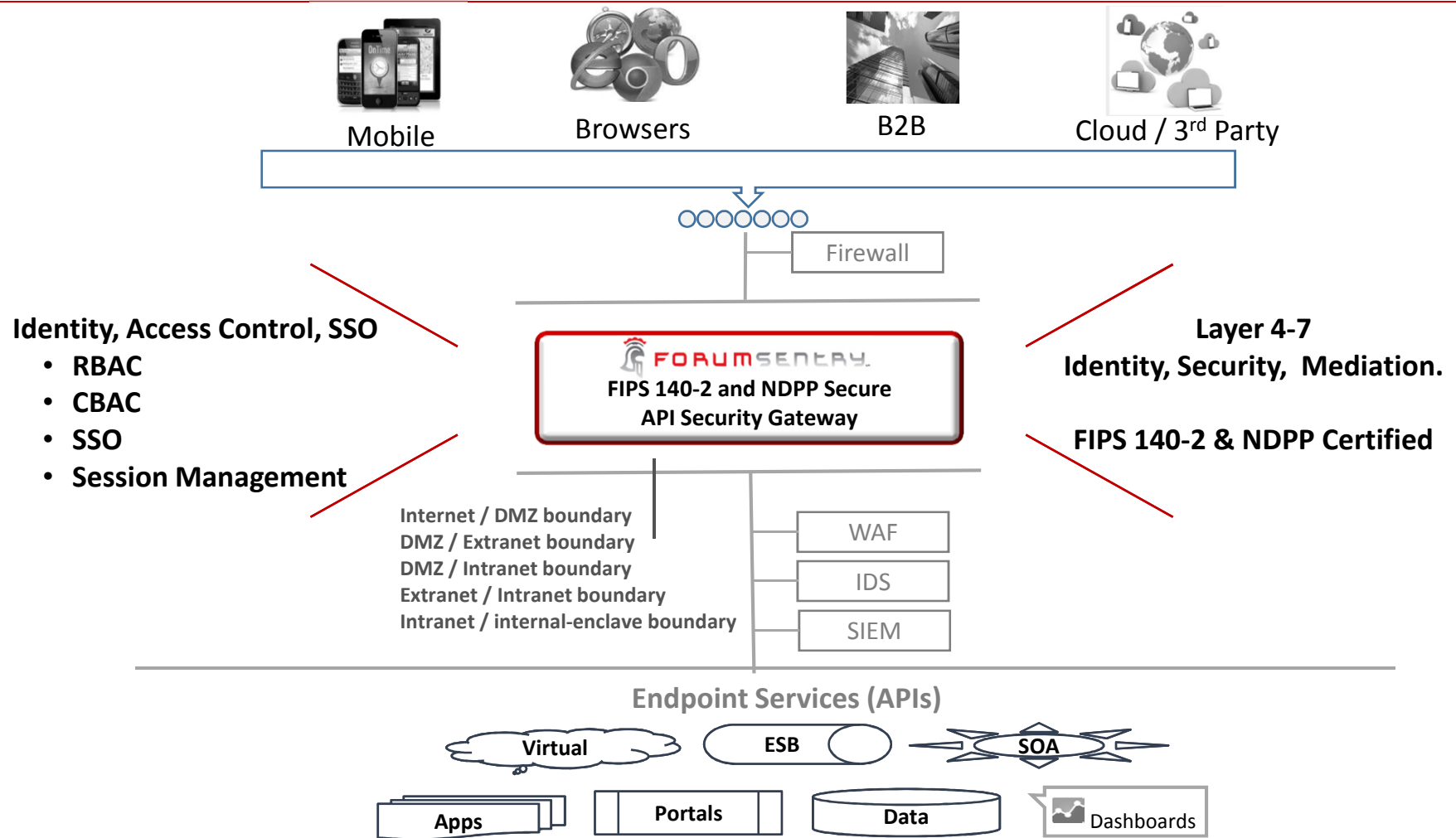


Centralized Tier 0 - Identity Management, Access Control, Security



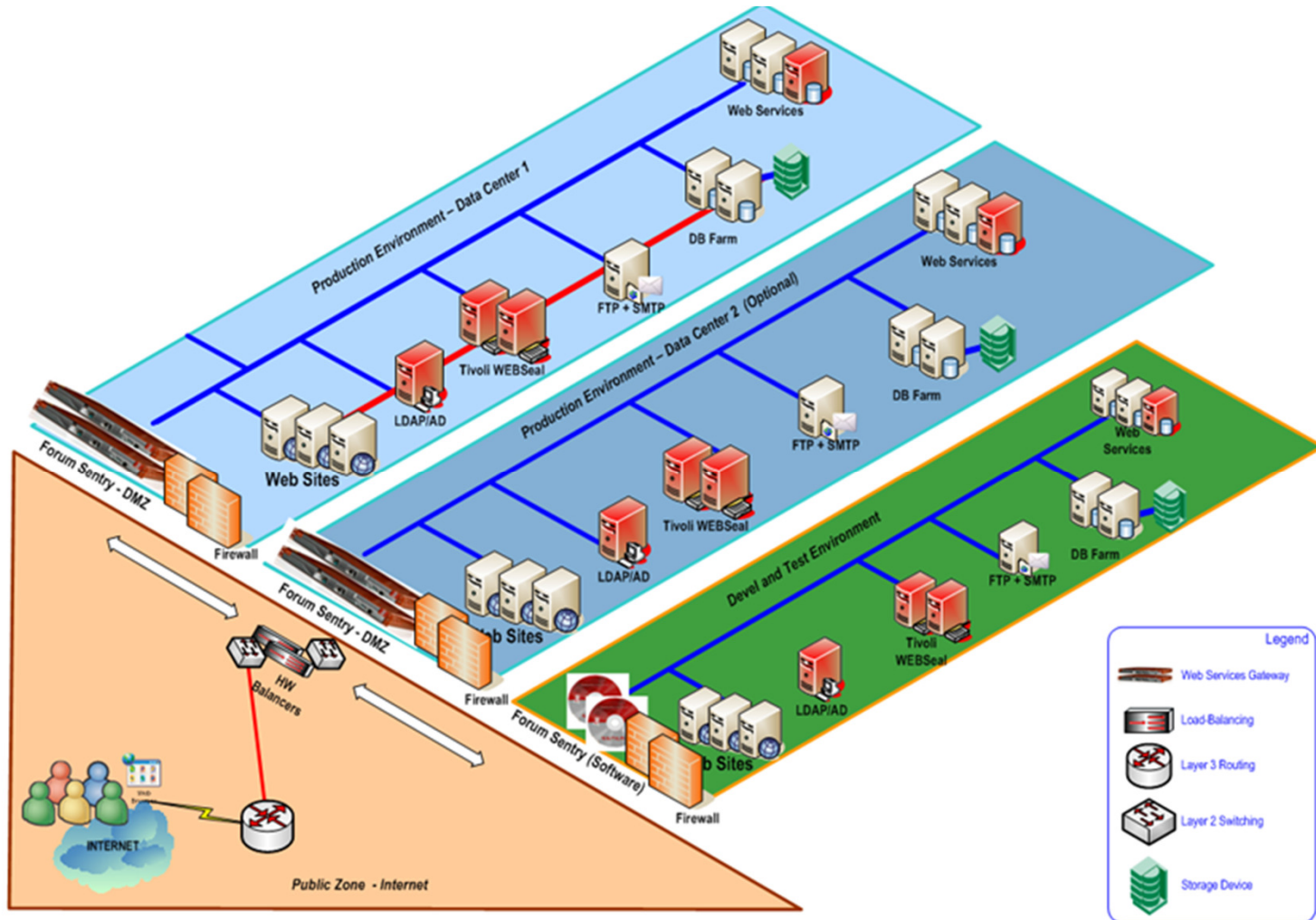


The API Gateway Whitespace



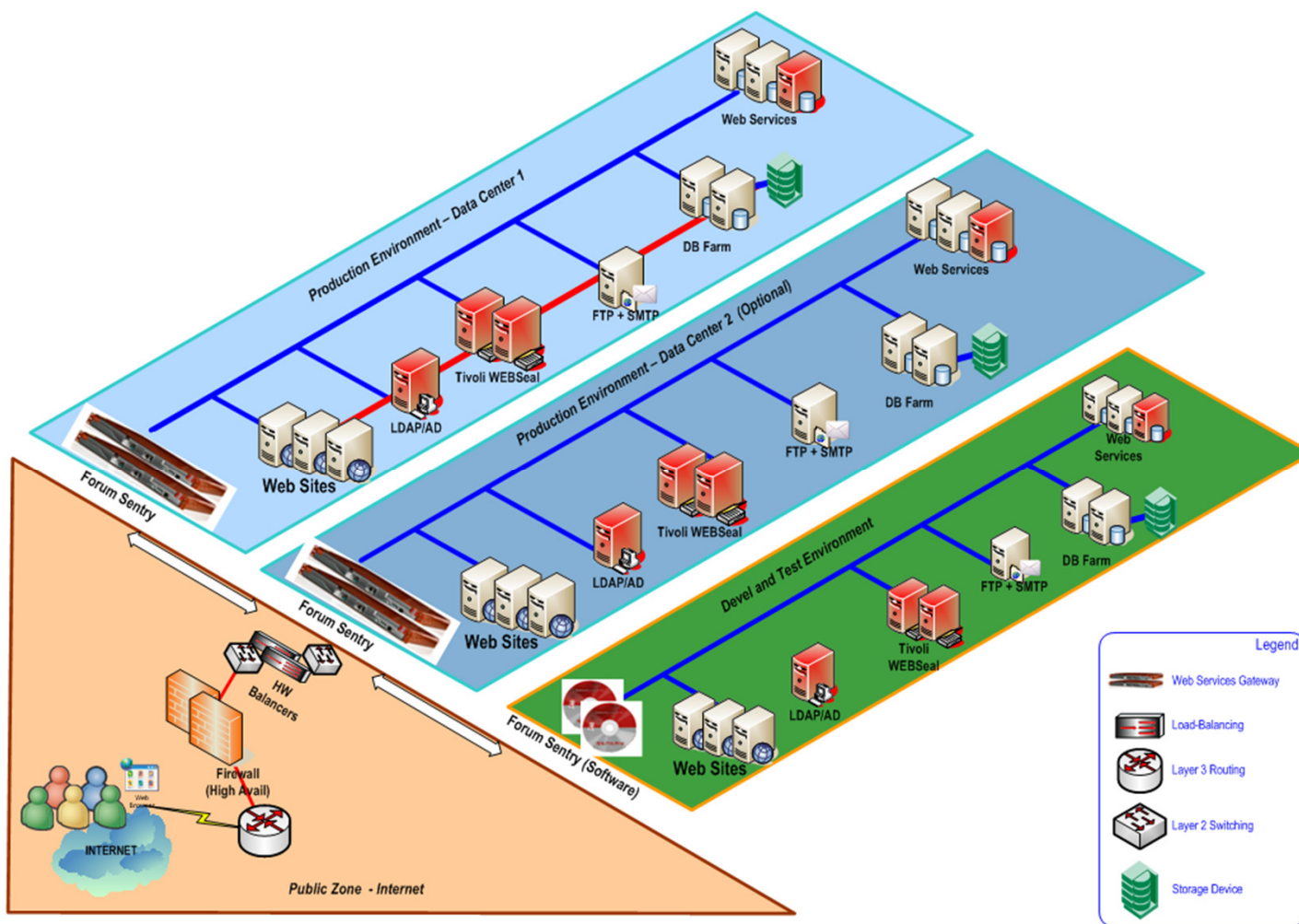


Inbound Deployment Topology - DMZ





Inbound Deployment Topology – Behind FW





Outbound Deployment Topology

