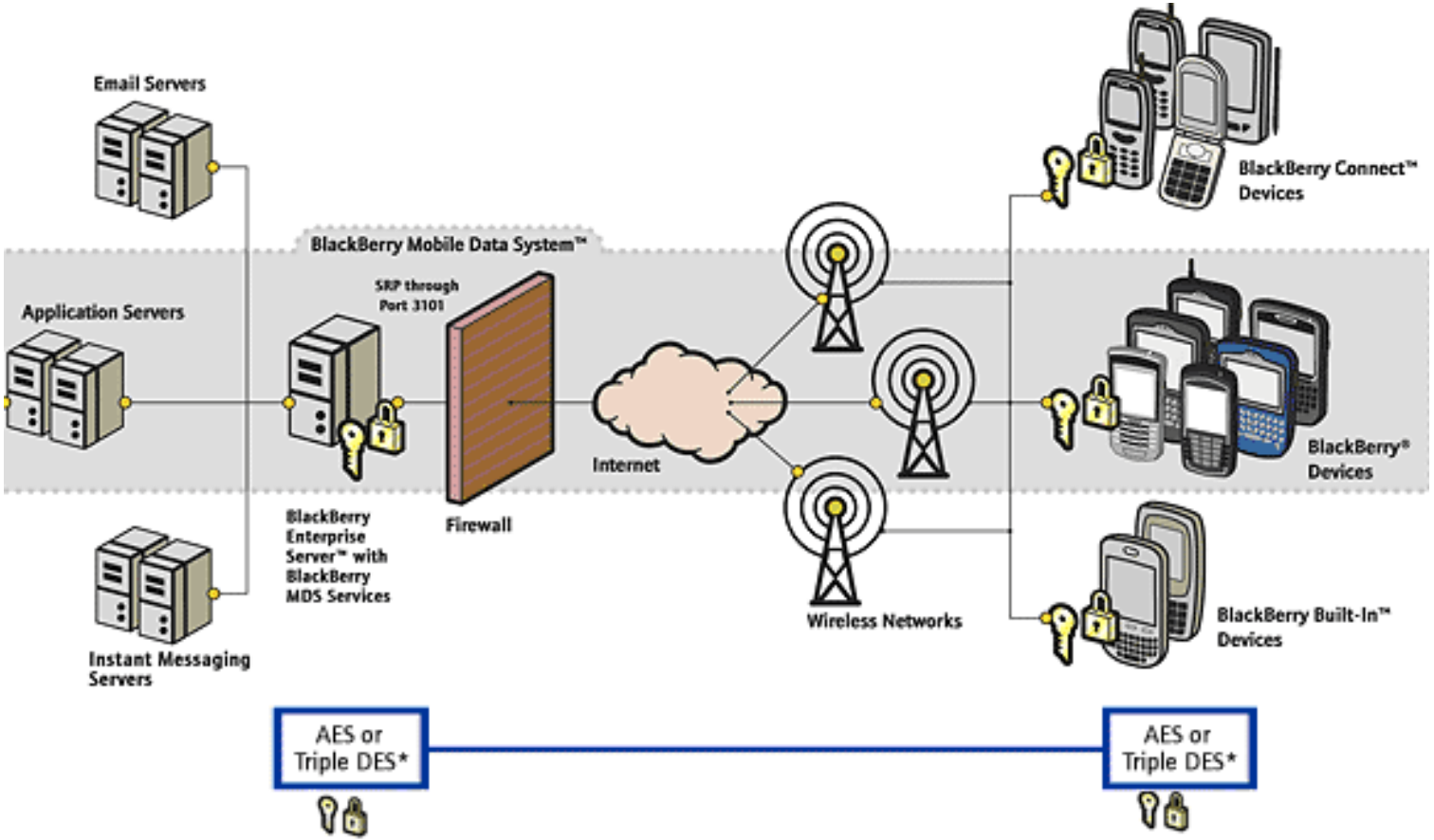# Logical Architecture

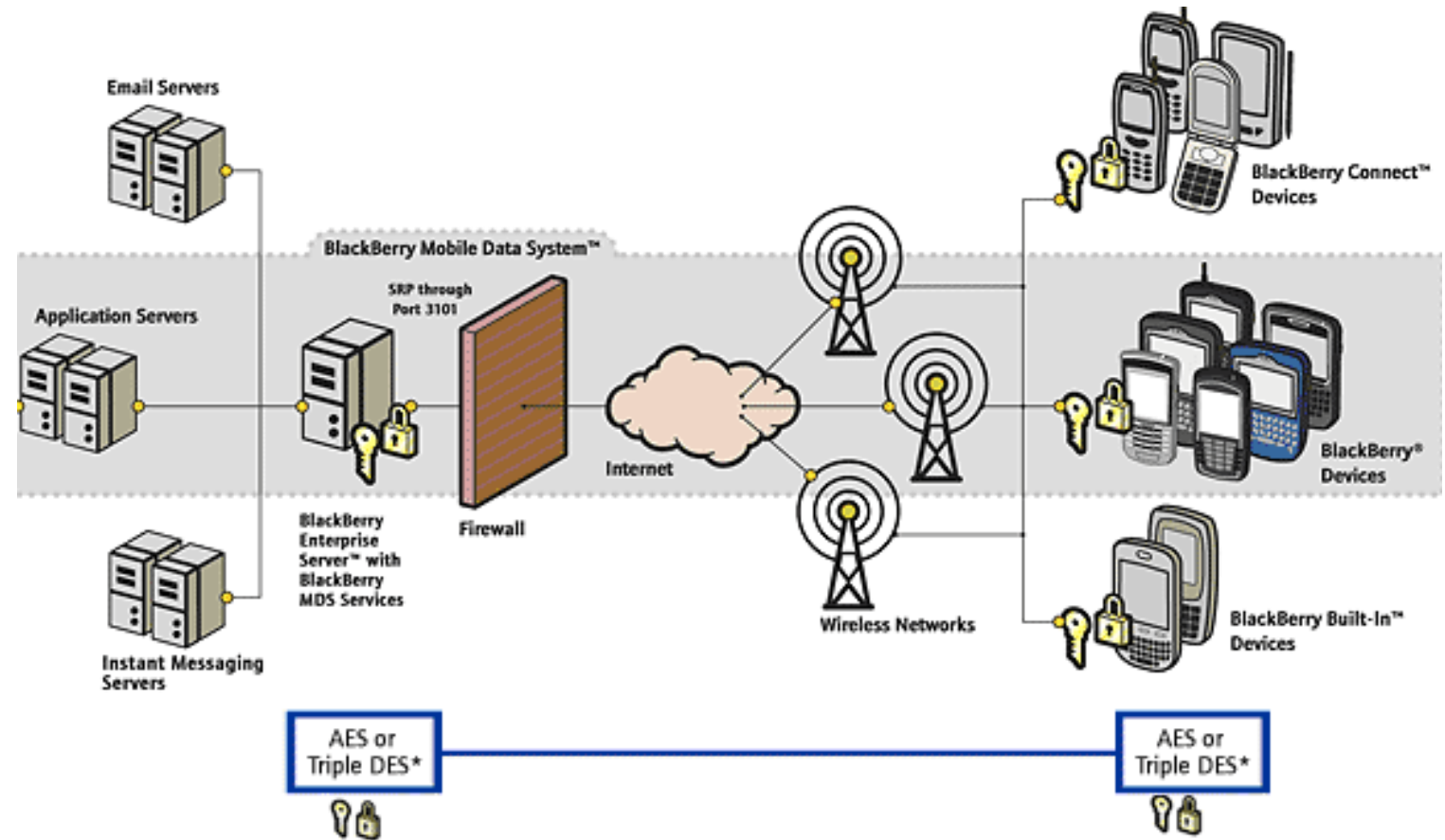Of an Active Mobile Network

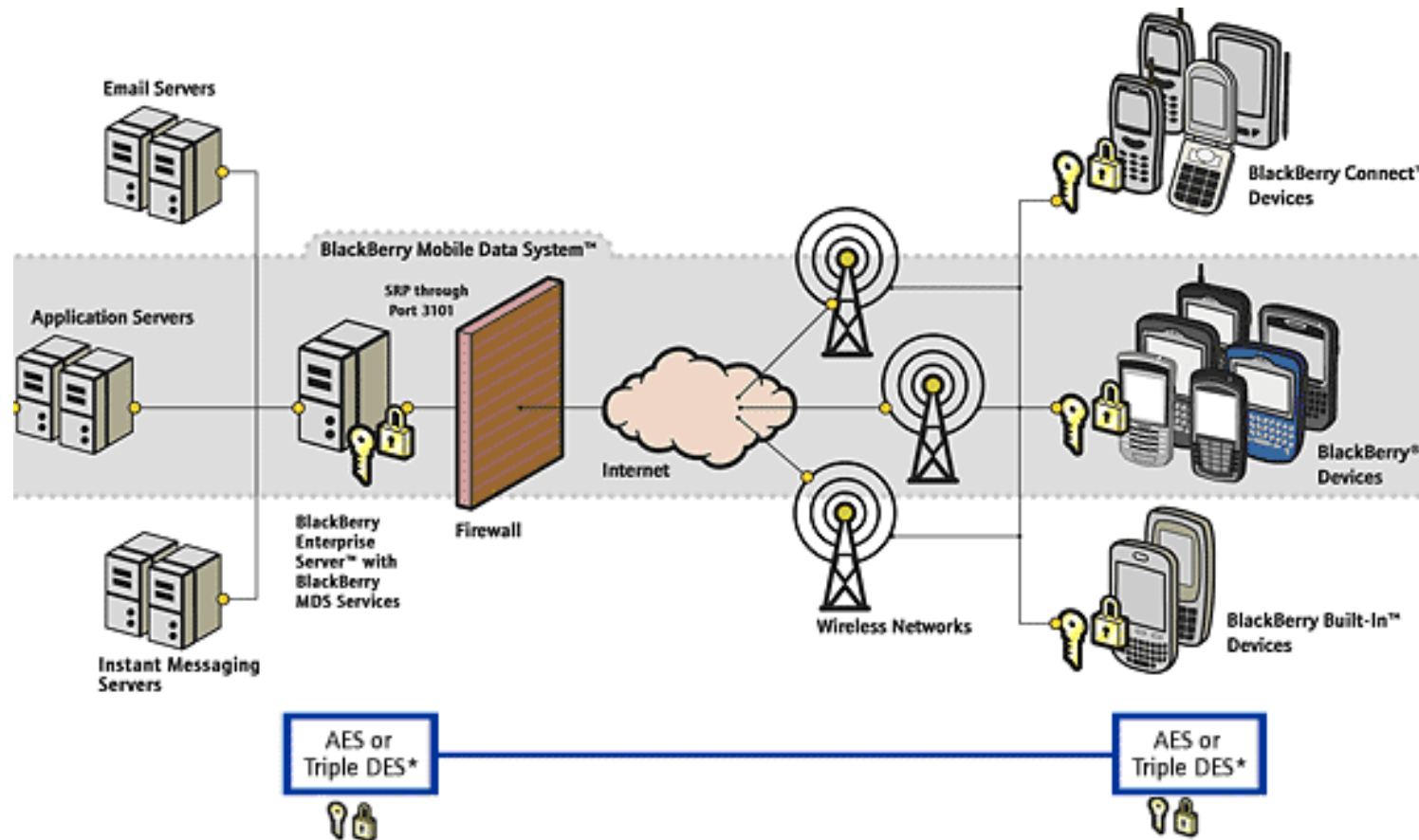# Blackberry Network Model

Logical Architecture Overlay 1

Behind the Firewall Security
Policies & Services:
- Cert Mgmt
- Directory Svcs
- Access Control
- Entity Authentication
- Incident Response
- Service Management

Logical Architecture Overlay 2

Beyond the Firewall Security Policies & Services:
- Cert Mgmt
- Access Control
- Entity Authentication
- Incident Response
- Service Management

Logical Architecture Overlay 3

High Level Policy Structure –
Environment:
- Information Security Policy
- Physical Security Policy
- Business Continuity Policy
- Infrastructure Security Policy

Device & System Level Policy
Structure – All Components:
- Antivirus Policy
- Remote Access Policy
- Network Security
- Platform Security
- Acceptable Use
- Application Security
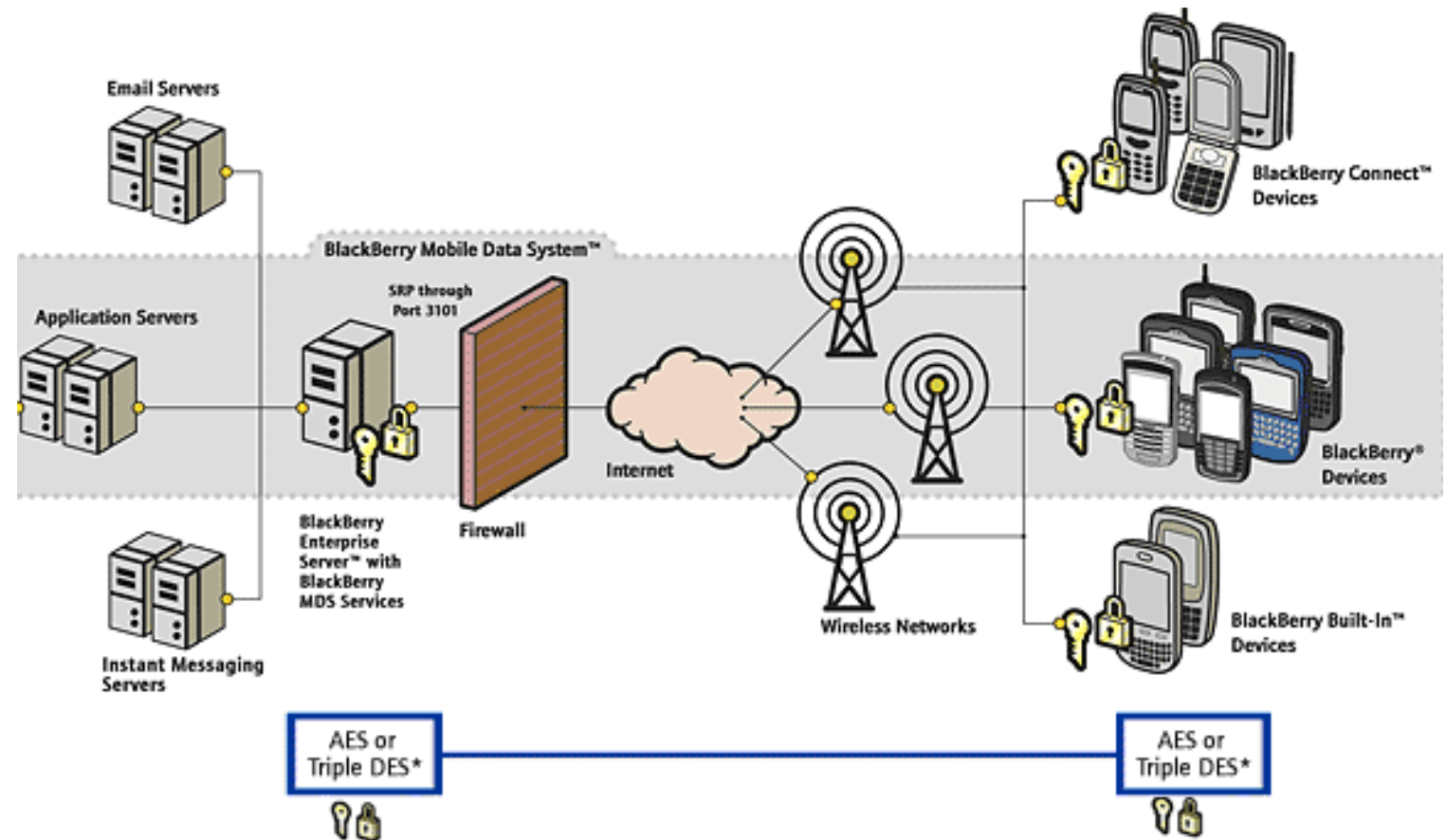
Logical Architecture Overlay 4

Environmental Procedural Implements
- User Authentication
- Device Authentication
- Session Authentication
- Message Origin Authentication
- Message Integrity Protection
- Message Replay Protection
- Message Content Confidentiality
- Non-Repudiation
- Traffic Flow Confidentiality
- Authorization
- Access Control
- Audit
- Stored Data Protection & Confidentiality
- Software Protections
- Replication & Back-up (Software + Data)
- Time Management (Trusted time)
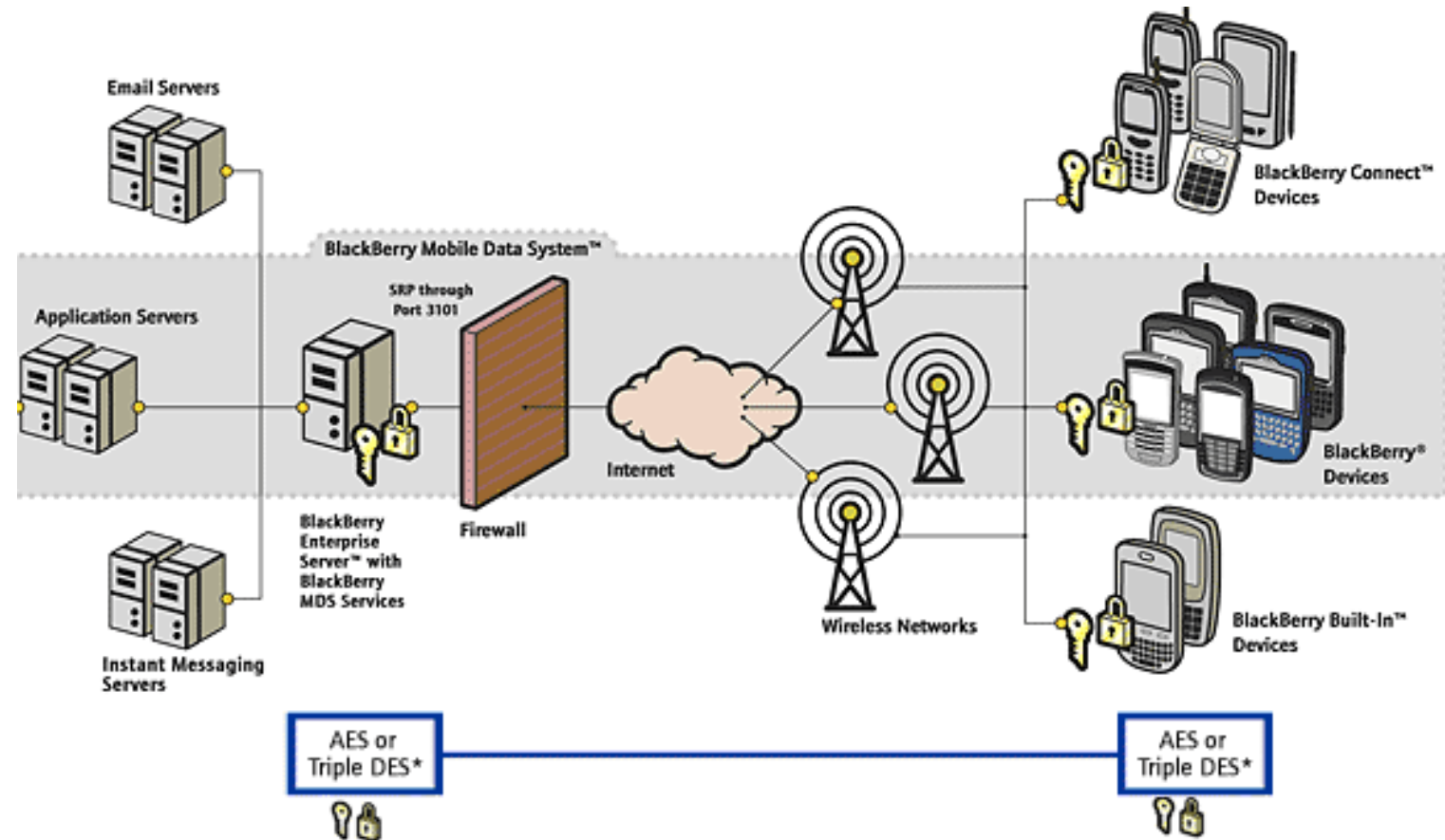
Logical Architecture Overlay 5

Security Management Protocols
- Security Policy Management
- Security Training & Awareness
- Security Operations Mgmt
- Security Provisioning
- Privilege Management
- Security Monitoring
- Security Measurement
- Security Alarm Management
- Intrusion Detection
- Incident Response
- User Support
- Disaster Recovery
- Crisis Management
- Physical Security
- Personnel Security
- Environmental Security
- Domain Security & Entity Schemas