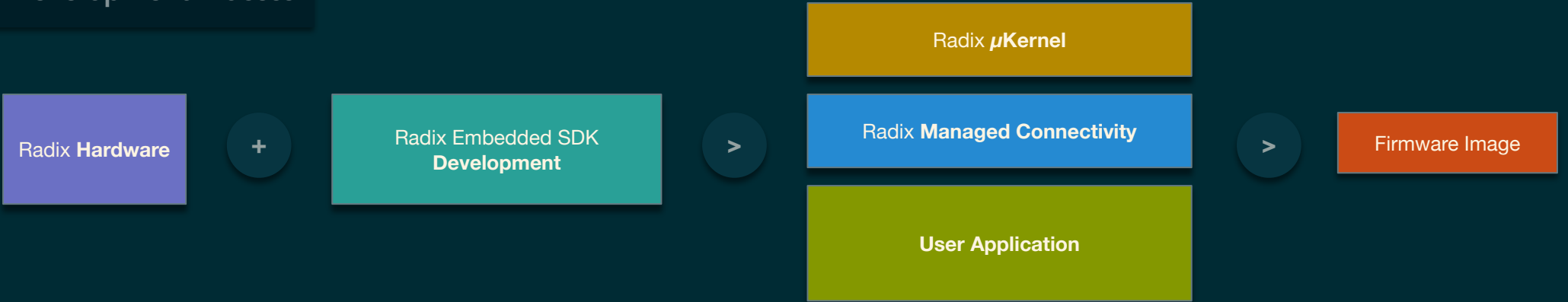
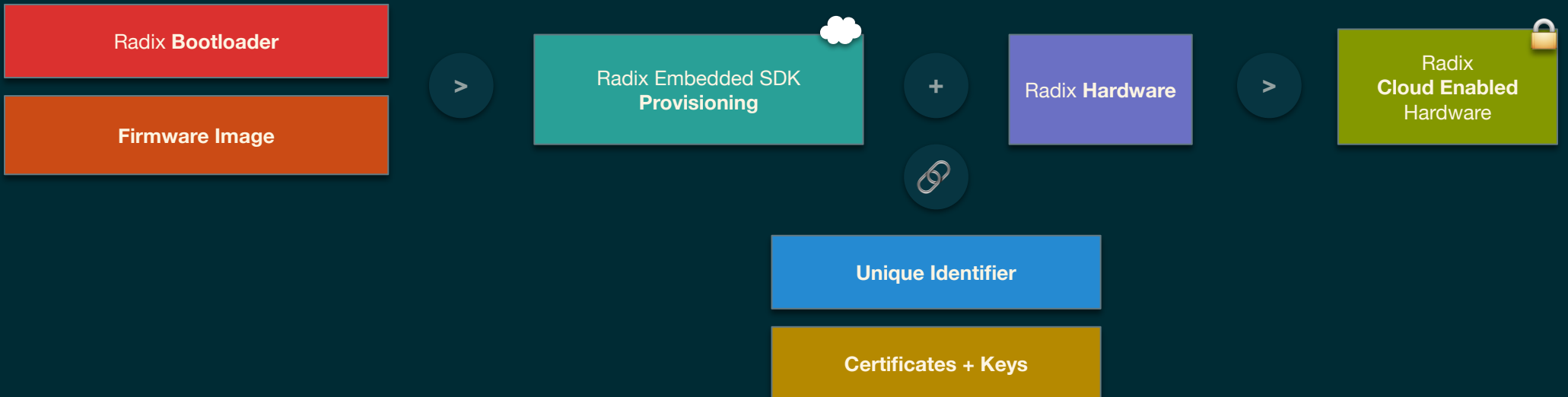


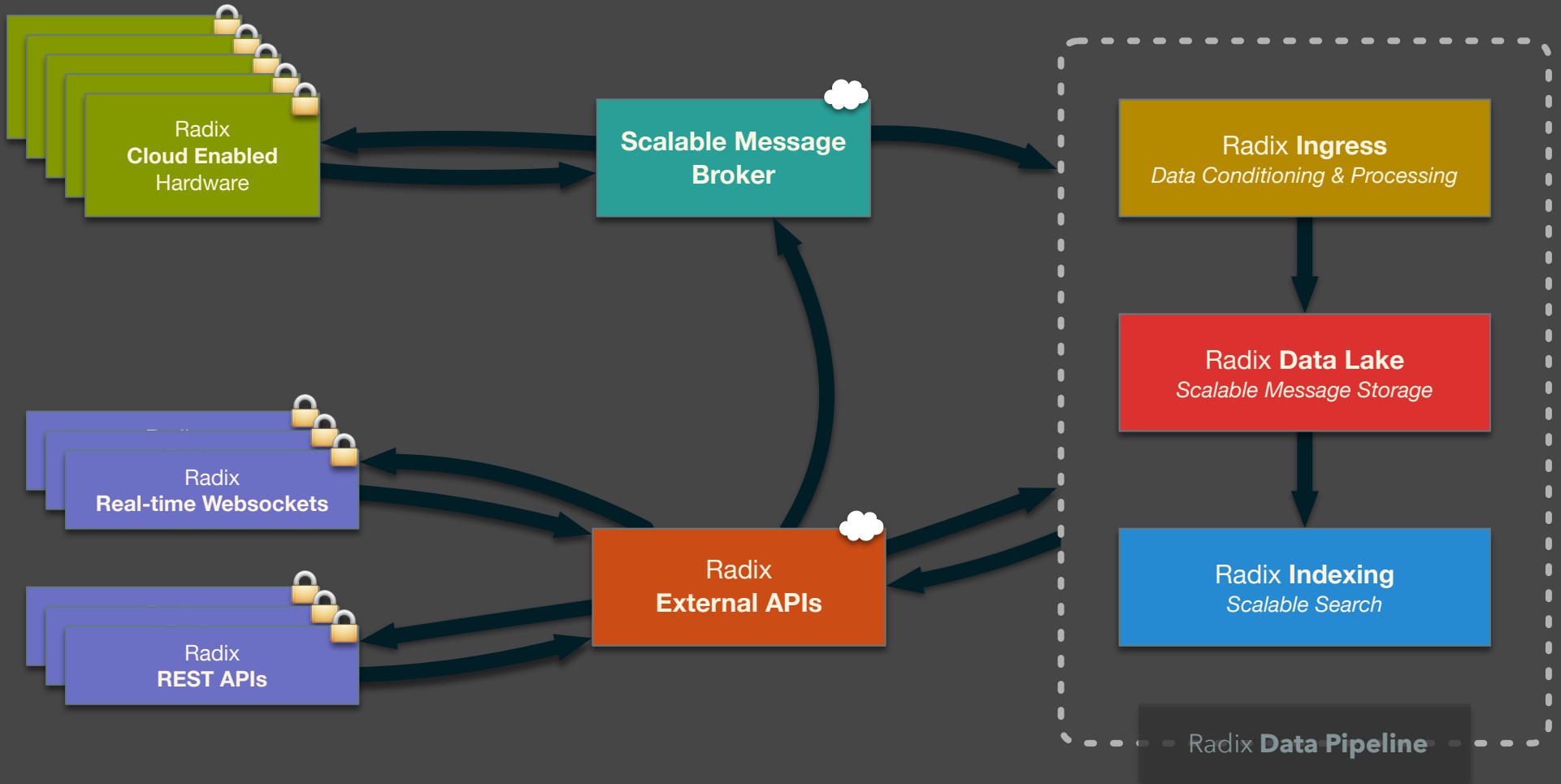
Development Process



Cloud Provisioning Process



Cloud Architecture Overview



Core Connectivity

Radix
Cloud Enabled
Hardware

- **Managed** bidirectional communication
- **Secure** connection (TLSv1.2 + mutual authentication)
- **MQTT** v3.1.1 protocol allows for subscribe/publish communication patterns
- **JSON** formatted messaging

Radix Scalable Cloud

Basic Service

Radix Cloud

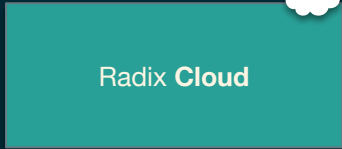


Radix Web SDK
Node.js



- **Secure** real-time message stream access using websockets
- **Publish** messages to devices
- **Subscribe** to topics
- **Filter** messages remotely
- **FOTA** support

Device Management Service



Radix Device Management
REST + Web Interfaces



Radix Web SDK
Node.js



- **Includes** basic service
- **Indexing** of device management related messages (state, signal quality, location, etc.)
- **FOTA** image storage
- **REST APIs** for device state index search

Advanced Indexing Service



Radix Application Index
REST Interface



Radix Web SDK
Node.js



- **Includes** basic service
- **Indexing** of application messages
- **REST APIs** for application index search