How To Master Automotive OTA

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Automotive OTA – Use Cases

Software Update  Data Collection  Live Diagnostics
Automotive OTA – Success Factors

- Security & Privacy
- Robustness
- Efficiency
- Responsiveness
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Automotive OTA – Security
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Automotive OTA – Security
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Automotive OTA – Scalability
Automotive OTA – Complexity

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AUTOSAR

POSIX ...
LINUX

CAN

FlexRay™

Ethernet

VCI
Automotive Components – Reuse Reduces Test Effort
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OTA Framework – Architecture

**Backend Platform**
- Software Update
- Data Collection
- Live Diagnostics
- Your Use Case

**Vehicle Platform**
- Communication & Security API

**Server**
- Server
- Server
- Server
- Server

**Client**
- Client
- Client
- Client
- Client
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OTA Framework – Architecture

Backend Platform

- Software Update
  - Server
  - Client

- Data Collection
  - Server
  - Client

- Live Diagnostics
  - Server
  - Client

- Your Use Case
  - Server
  - Client

Communication & Security API

Vehicle Platform
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OTA Framework – Architecture

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Communication & Security API

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OTA Framework – Architecture

![Diagram showing OTA Framework](image-url)
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OTA Framework – Architecture
We look forward to your OTA projects!
For more information about Vector and our products please visit

www.vector.com

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