オートモーティブ サミット ジャノ ン2011



**AUTO SUMMIT** JAPAN 2011

# **QNX** in Automotive

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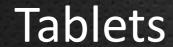
# QNX in Automotive

- More vehicles (25 million) and models (275+) shipped than with all other platforms combined
- Telematics, infotainment, hands-free, and digital instrument clusters



# QNX: the OS for every platform

# Phones











Cloud

Automotive



# QNX CAR Application Platform

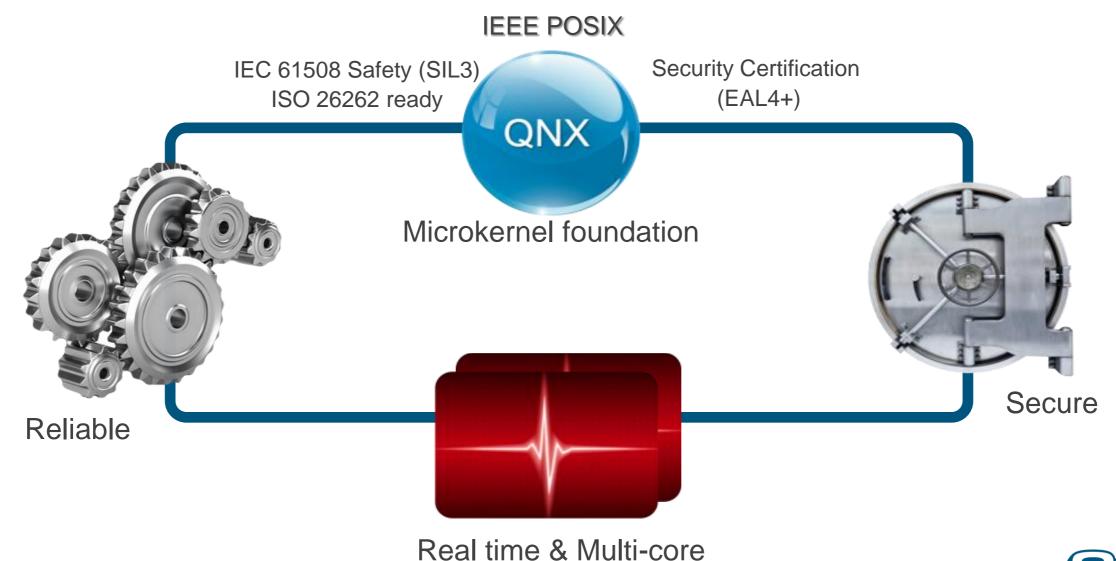
- Complete prototype-friendly and production-ready solution
- Pre-integrated software stack that includes production-proven technology and reskinable HMIs

- Quickly build rich infotainment systems
- Focus on value-added features rather than low-level technology





# QNX is your secure foundation











## Rich runtime environments

#### The right solution for the right job

#### Native for performance

- Navigation, Voice, Digital Instrument Clusters, ...
- Smaller footprint

#### HTML5 for the future mass application platform

- Applications written in JavaScript and launched from the local file system or from the web
- Access operating system APIs and service interfaces from JavaScript
- App runs in its own process for protection
- App runs full screen no browser chrome

#### Adobe AIR for a full tool suite

- Rich application development
- Complete Flash ecosystem
- App runs in its own process for protection



#### Webkit-based browser

#### **Support for HTML5 standards**

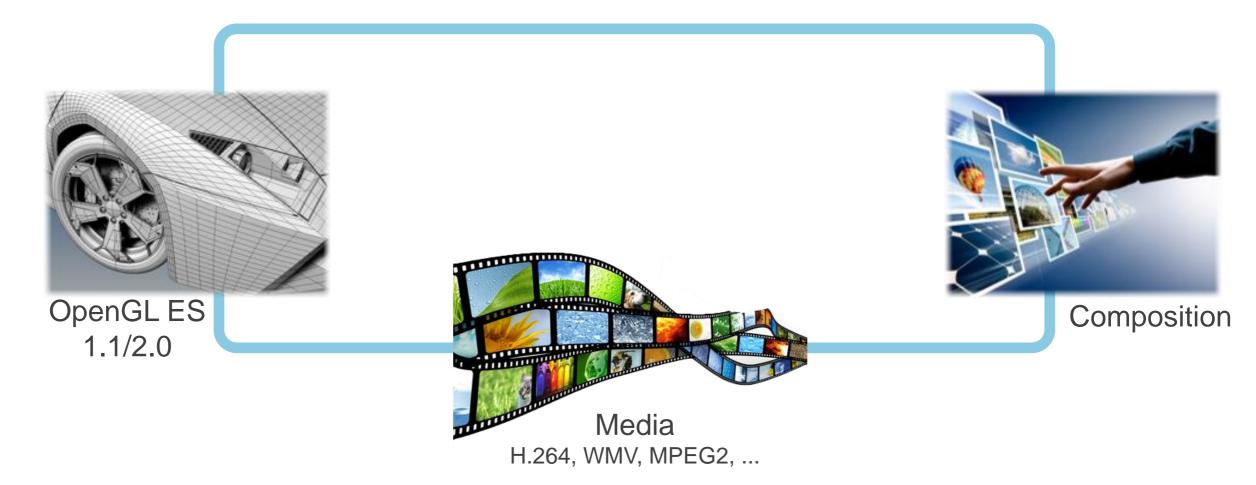
- Audio and video (through QNX multimedia technology)
- Geo-location
- Canvas
- WebSockets
- Offline applications
- Session storage

#### **Enhanced browser features**

- High performance panning and scrolling
- Pixel-accurate zooming
- Physics-based scrolling and panning
- Adobe Flash Player 11 plug-in
- JavaScript JIT

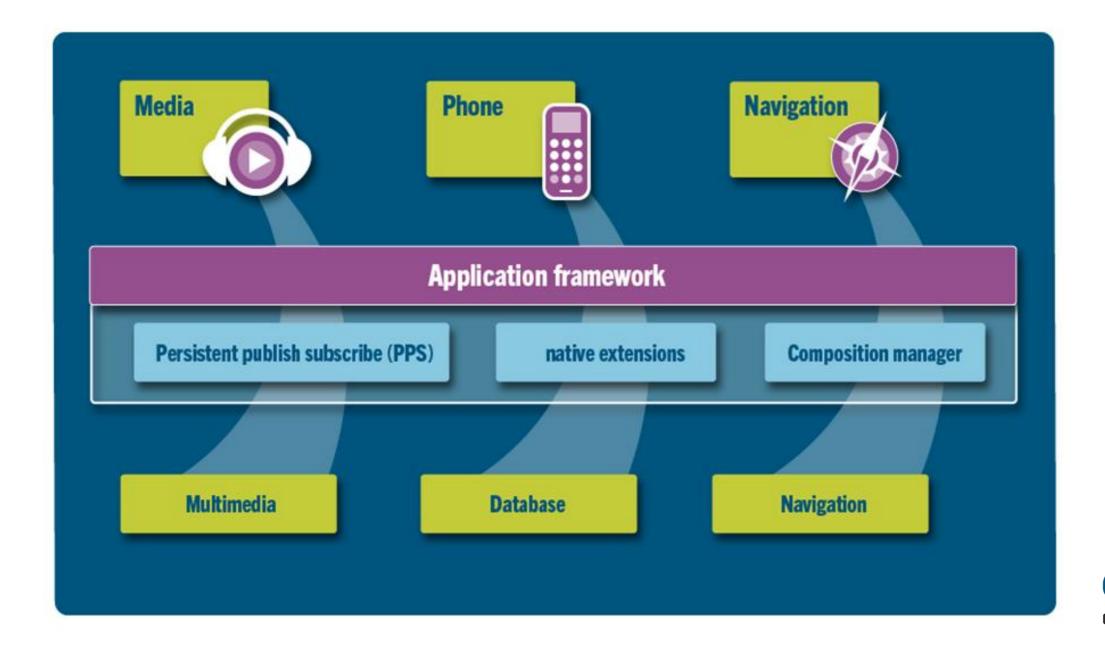


# Hardware acceleration for maximum performance





# Application framework APIs





# Your car and your devices



# Navigation 11 Internet Services



# QNX Acoustic Processing Suite 2.0

#### Release 2.0 hands-free core features

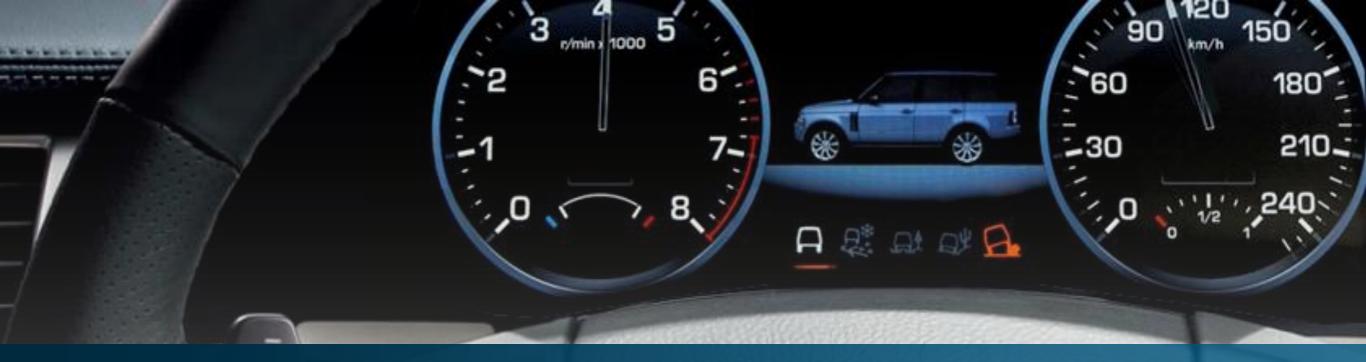
- Full duplex sound for natural two-way conversations
- Faithful voice reproduction for maximum intelligibility
- Noise reduction for improved clarity
- Unique technologies for improved quality on both ends of call

#### Additional features not found elsewhere

- Wind removal
- High-frequency encoding
- Bandwidth extension
- Full-featured diagnostics tools

Unique, patented algorithms – 80+ pending, 15 issued





## Automotive services team

Experience: Hundreds of person years in development, support, integration

**Expertise:** All areas of in-car computing

Service excellence: 100 % success rate helping customers meet SOP deadlines

**Commitment:** Dedicated and dependable people

Increased ROI: Optimized performance on customer hardware, faster time to market





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"The car of the future" LT Wire

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# Application platform

Rich HMIs • Comprehensive portfolio Responsive • Reliable • Connected Upgradeable

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