



**ALLSEEN
ALLIANCE**

Technical Steering Meeting

June 2nd, 2014

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Reminder:

This call is being recorded

Agenda

- Approve minutes from last call
- Time Service working group
 - Voting
- Release cadence discussion
- Update Service proposal
- Status updates
 - 14.06 Software
 - 14.06 Build
 - Third party code submission process

Time Service working group

Request for vote

Time Service Framework Overview

- Standard interface for:
 - Setting and getting time and date
 - Setting and clearing alarms
 - Setting and clearing count up and count down timers
- Proposal text is here:
https://wiki.allseenalliance.org/tsc/technical_steering_committee/time_service_project_proposal
- Vote on proposal will be on June 2nd

Release Cadence discussion

Release cadence

- Currently on a 4 month release cadence
 - x.02, x.06, x.10
 - This was proposed and accepted as the Alliance was being set up
- Core and base services WG's are suggesting a 6 month cadence
 - Current 4 months not leaving enough time for feature development, integration, and test
 - Proposal is ~4 months development, ~2 weeks integration and ~6 weeks for test and QA

Impact if adopted

- Next release will remain 14.10
 - This has been committed and planning is underway
- Then switch to 6 month cadence
 - x.04, x.10
- Development remains a continuous process these are formal releases
 - Also gives more opportunity for slipstream release
- May need to be more flexible wrt to interim releases for critical bug fixes
- No decision needed today but would like to get TSC and member feedback before we propose this to the board

May 2014
Yoram Berholtz

TC – Proposal for Update Service to AllJoyn

Red Bend Software Snapshot

COMPANY SUMMARY

- Established 1999
- Ownership: Private, VC Backed
- HQ & R&D Centers: Israel, France
- Offices in UK, Japan, US, China, Korea
- ~250 employees
- ~100 customers worldwide
- Installed on ~2B devices; >1400 models

Top Customers List

Panasonic
ideas for life



NTT docomo

SHARP

ZTE中兴



SONY

WHO WE SERVE



Mobile Industry



Enterprise Mobility

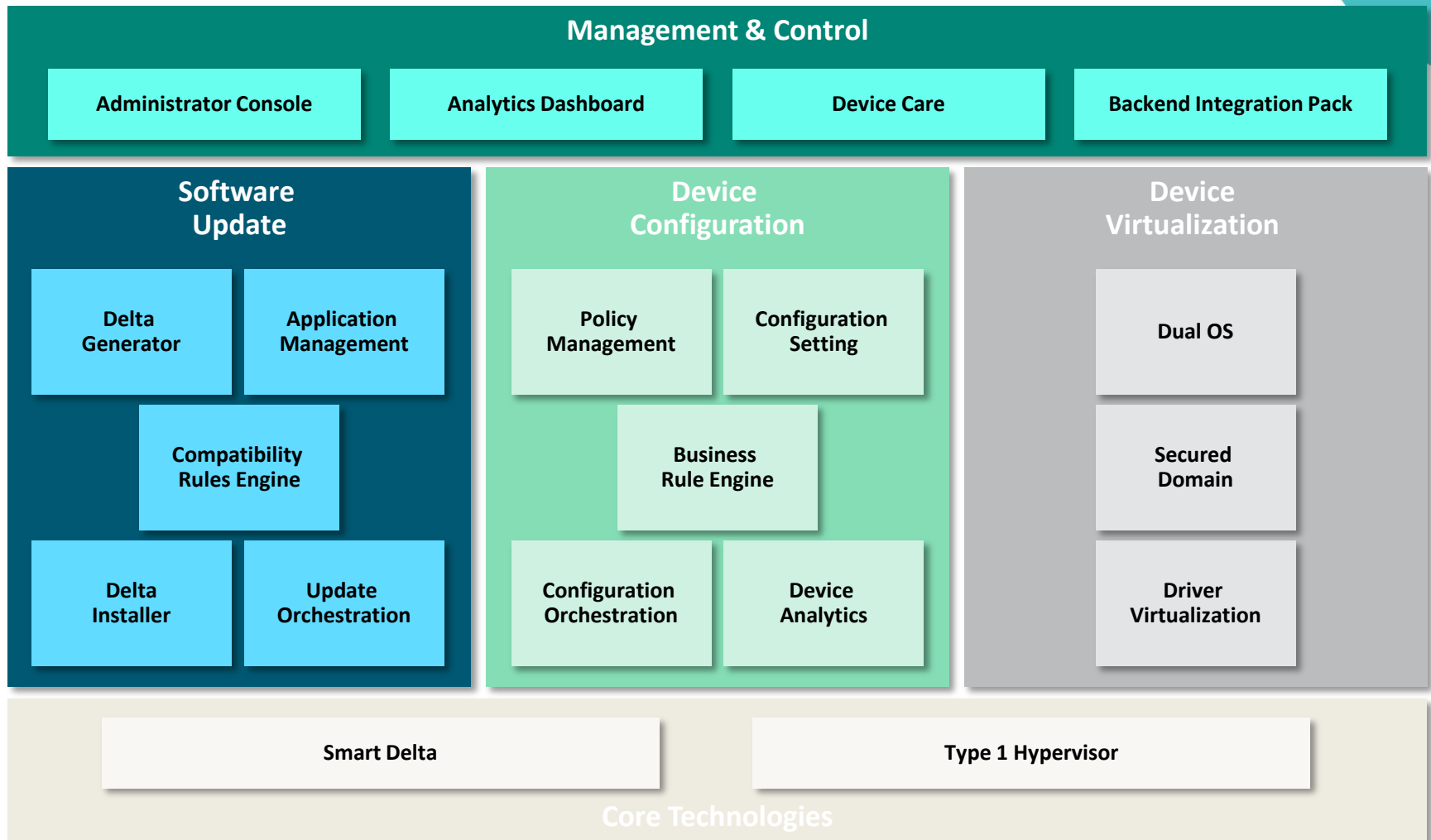


Automotive Industry



Internet of Things

Red Bend's *Product Portfolio*



Red Bend's *Solution Portfolio*

Mobile

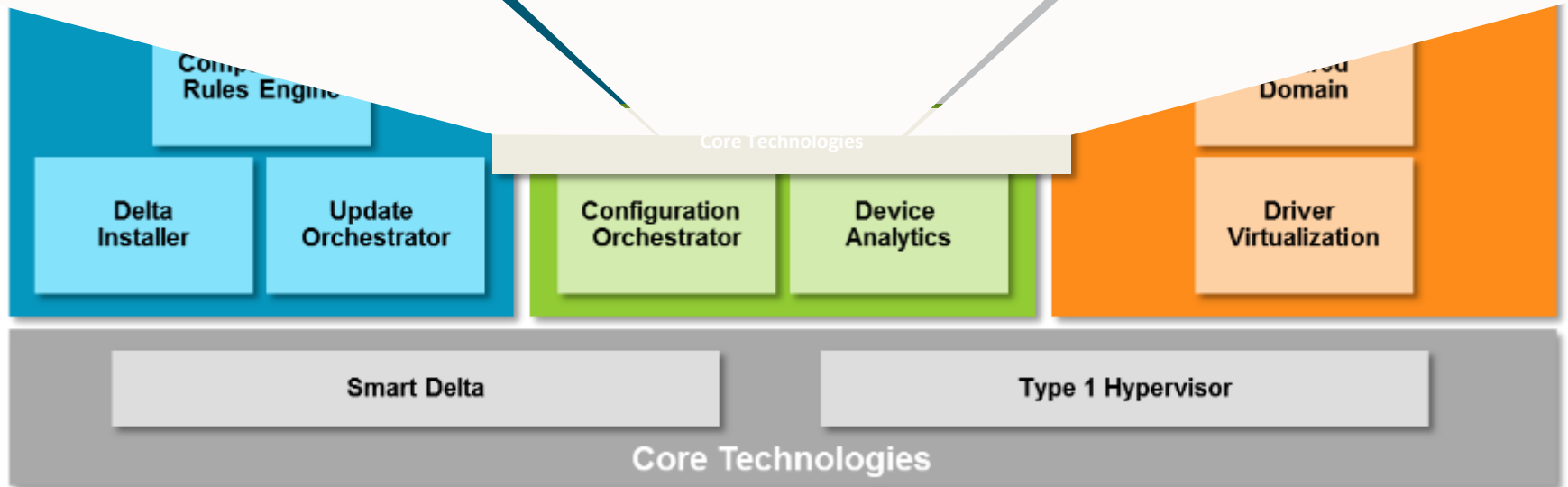
- End-to-End Mobile Software Management
- Dual Persona for Enterprise Mobility / BYOD
- Firmware Update Over-the-Air
- OMA-DM Device Management Interoperability

Automotive

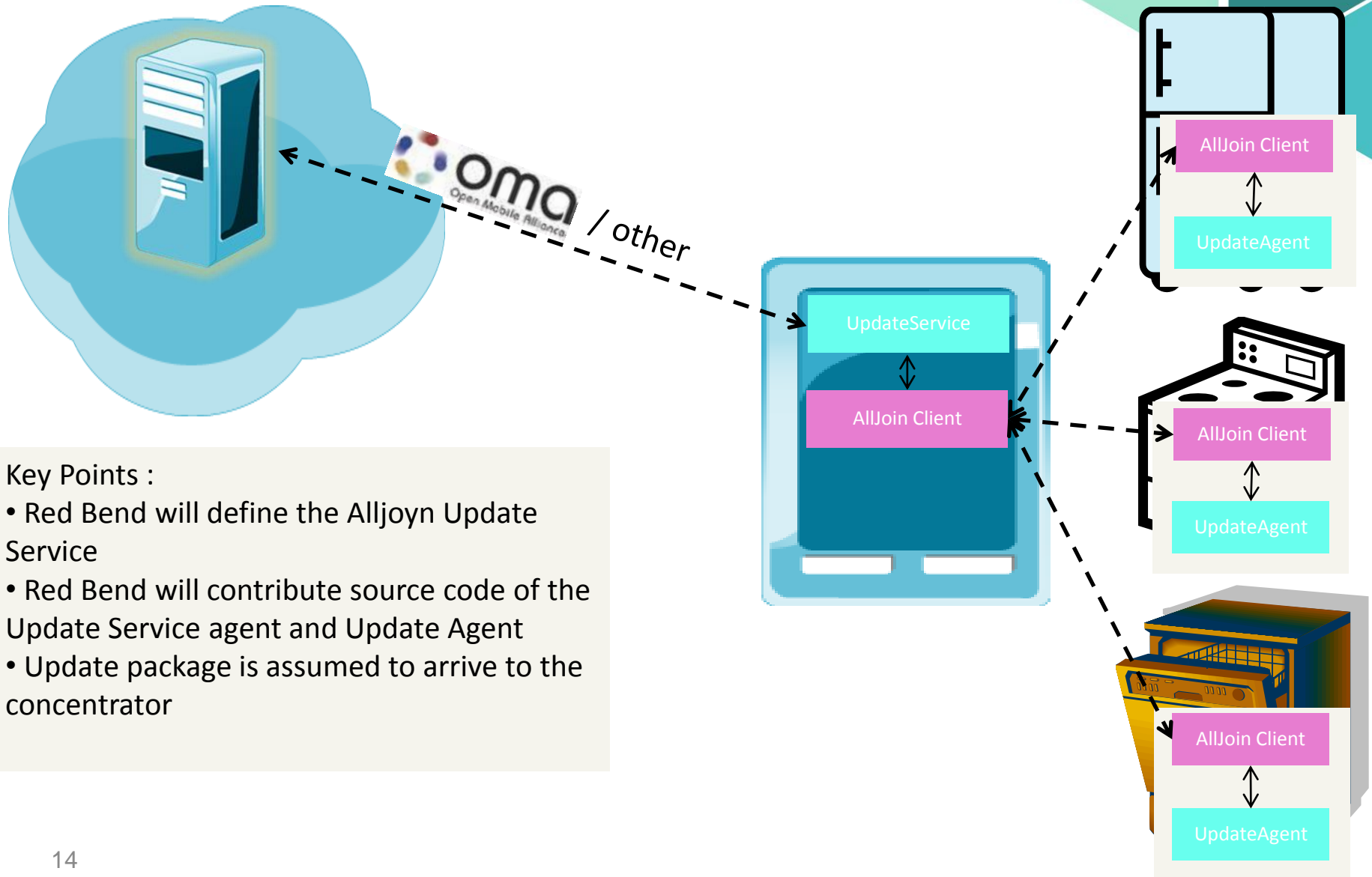
- End-to-End Vehicle Management
- Head Unit Virtualization
- ECU Consolidation
- Map Update Over-the-Air

IoT / M2M

- Firmware Update Over-the-Air for Connected Device
- Software Management for IoT
- Firmware Update for Small Electronics



AllJoyn Update Service Overview

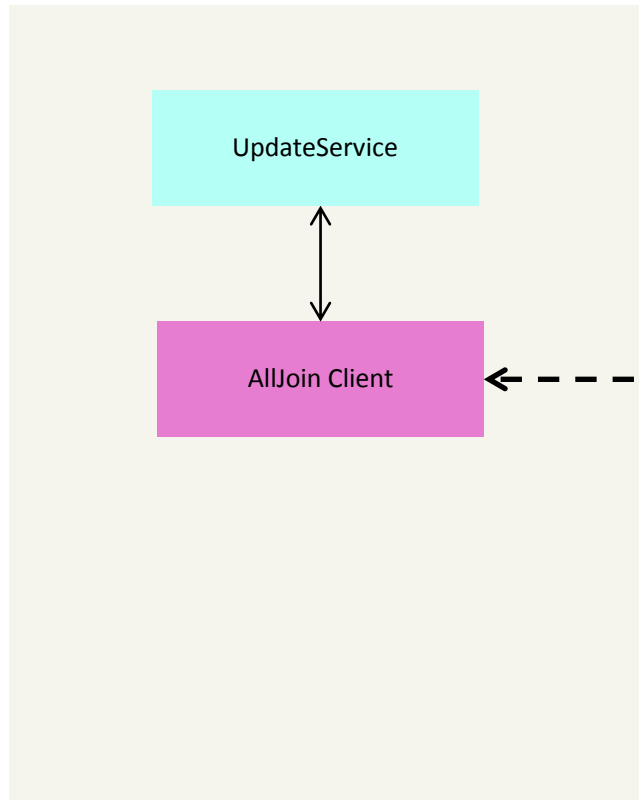


Key Points :

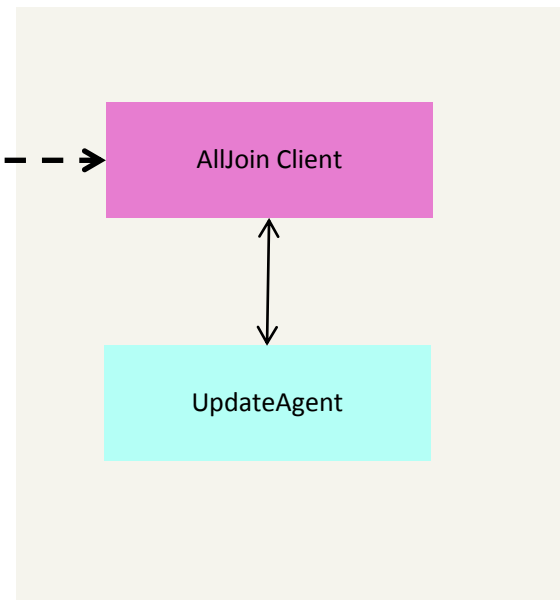
- Red Bend will define the Alljoyn Update Service
- Red Bend will contribute source code of the Update Service agent and Update Agent
- Update package is assumed to arrive to the concentrator

AllJoyn Update Service Components

AllJoyn Node



AllJoyn Leaf



- AllJoyn Open Source
- Contributed Open Source

A photograph of four speed skaters in red suits and yellow helmets racing on an ice track. The skater in the foreground is in a low, aerodynamic crouch, leaning forward with his arms extended. Behind him, three other skaters are also in similar crouches, following the lead. The background shows a blurred crowd of spectators in the stands, suggesting a competitive event. The lighting is bright, highlighting the skaters' suits and the ice surface.

CONTINUOUSLY BETTER



14.06 SW Release Status

Release status

- Important Dates:
 - Development Complete: May 23
 - Source Code Release to AllSeen Alliance June 30
- Status:
 - All new features have reached the Development Complete (DC) milestone
 - We are stabilizing the feature integration branch in anticipation of creating the release branch
 - Project is proceeding according to schedule
- Risk items:
 - Next Generation Name Service (NGNS) and UDP transport are considered the highest schedule risk, due to the extensive development and test effort required

New Features in AllSeen Alliance git repository

Feature	Code available from Alliance?	Notes
Security Enhancements	Partial	TL pending
NGNS	Yes	
UDP Transport	Yes	
SLS Improvements	Yes	
Policy DB	Yes	
Events and Actions	Partial	TL pending
WMI SPI Layer (WSL)	Partial	TI PENDING

AllJoyn on iOS Details

iOS versions	iOS 7, iOS 7.1 (note: iOS 6 is NOT supported)
Xcode version	Xcode 5.1
Hardware	32-bit runtime will run on both 32-bit and 64-bit hardware (64-bit runtime NOT supported)
Simulator	Xcode 5.1
GUI format	4 in. format on simulator

14.06 SW Build Status

14.06 Release Progress

- All new features for 14.06 have been merged to the master branch (TBD: thin lib)
 - Core: Next Generation Name Service, UDP Transport, Security Enhancements, PolicyDB, Sessionless Signal Improvements, Events & Actions
 - Services: Onboarding Changes
- Release branches are named RB14.06 (TBD)
- Core and service SDKs will be built using Jenkins and published on <http://www.allseenalliance.org>
- Release Plan and Status at <https://wiki.allseenalliance.org/release/14.06>

Third Party Code

- The Alliance IP Policy permits use of suitably licensed code from other open source projects
 - Part C of [DCO signoff rules](#)
 - Section 6 of the optional [Contribution Agreement](#)
- Contact the working group chairperson if you wish to submit third party code to one of their projects.
- Projects with third-party code have an “external/” directory at the top level, with subdirectories for each third-party component:
 - external/projectX/
 - external/projectY/

Thank You.