



# Gateway Working Group Update

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# Topics

- Gateway Working Group – Status overview of the active projects
- Gateway Agent project status and release plan update
- AllJoyn XMPP Connector project status and release plan update

# Gateway Work Group – Projects Status Overview

Project	Description	Contributors	Release	Status
Gateway Agent	A manageable AllJoyn routing node for connections with external network devices and services	Affinegy, Qualcomm	Released at v14.12 and part of the CBI	v15.04 planned 2016-01 v15.09 planned 2016-03 See status slide.
AllJoyn XMPP Connector	A managed services and secure remote access connector for AllJoyn via XMPP with support for Gateway Agent.	Affinegy		Affinegy v14.12 beta release Sept 2015 supports Affinegy's CHARLOT cloud services AllSeen v15.04 planned 2016-01 AllSeen v15.09 planned 2016-03
Device System Bridge	Bring non-AllJoyn devices to AllJoyn as virtual devices on the AllJoyn network	Microsoft	Released at v14.12 supporting Windows 10	Source is available in AllSeen GIT including support examples for Z-wave, BACNet, ZigBee. Extensive documentation and samples available at Microsoft Dev Center for IOT. Active discussions and volunteers to port to Linux - expect this to start soon.
Update Service Project	Provide an AllJoyn standard update service.	Redbend (Harmon), Affinegy		Planned for 16.04 by April supporting Linux (Ubuntu, OpenWRT BB & CC). Standard Core, samples for Thin Core, Android and iOS. Interfaces in currently review by IRB
SIP End to End Connector	A managed services secure remote access connector for SIP end to endc services	SmartConn – Beijing HengShengDongYang Tech. Co.		First release planned for March 2016

# Gateway Agent Project - Status

- 15.04 release overview
  - Supports Core and Base Services 15.04
  - Bug fixes
  - Scheduled for release end of January 2016
- Status
  - C++ code changes under review in Gerrit
  - Java code changes in progress for Gateway control sample application
- 15.09 Release Overview
  - Supports Core and Base Services 15.09
  - Adds JavaScript connectors
  - Adds Package Manager to download and install aftermarket connectors
  - Scheduled for release end of February 2016
- Status
  - C++ code changes for 15.09 support, JavaScript Connectors, and Package Manager reviewed and merged into feature branch
  - IRB submission and review required for the new Package Manager feature

# AllJoyn XMPP Connector Project - Status

- 14.12 release
  - v14.12 branch available and is tested. Works with Affinegy's CHARIOT service.
  - Will not produce official AllSeen release, but will update with bug fixes if necessary
- 15.04 release
  - Overview
    - First official AllSeen release
    - Supports Core and Base Services 15.04
    - Supported on Linux (Ubuntu, OpenWrt BB & CC)
    - Scheduled for release end of January 2016
  - Status
    - Code implemented on v15.04 branch
    - V15.04 branch implemented and undergoing testing and bug fixes
    - Needs AllSeen JIRA project and release documentation
    - Needs some code updates to conform style to existing AllJoyn code (e.g., log statements, namespaces, etc.)
- 15.09 release
  - Overview
    - Supports Core and Base Services 15.09
    - Adds support for preview of Security 2.0
    - Scheduled for release end of March 2016
  - Status - some code implemented and pushed to v15.09 branch