



**ALLSEEN  
ALLIANCE**

**An Open Source project  
building the framework for  
the Internet of Things (IoT)**

February 2015



The AllSeen Alliance is a Collaborative Project at The Linux Foundation that enables the widespread adoption of billions of products working together in an interoperable “Internet of Everything” through the open AllJoyn framework, a thriving technical community and a vibrant ecosystem.

[www.allseenalliance.org](http://www.allseenalliance.org)

# The AllJoyn framework exposes the capabilities of connected devices in the much the same way.

A single protocol allowing products and apps to expose their capabilities and interact with other devices and apps.



# AllJoyn Mesh of Stars

Spans Network Transports

Integrates protocols

## Bridges

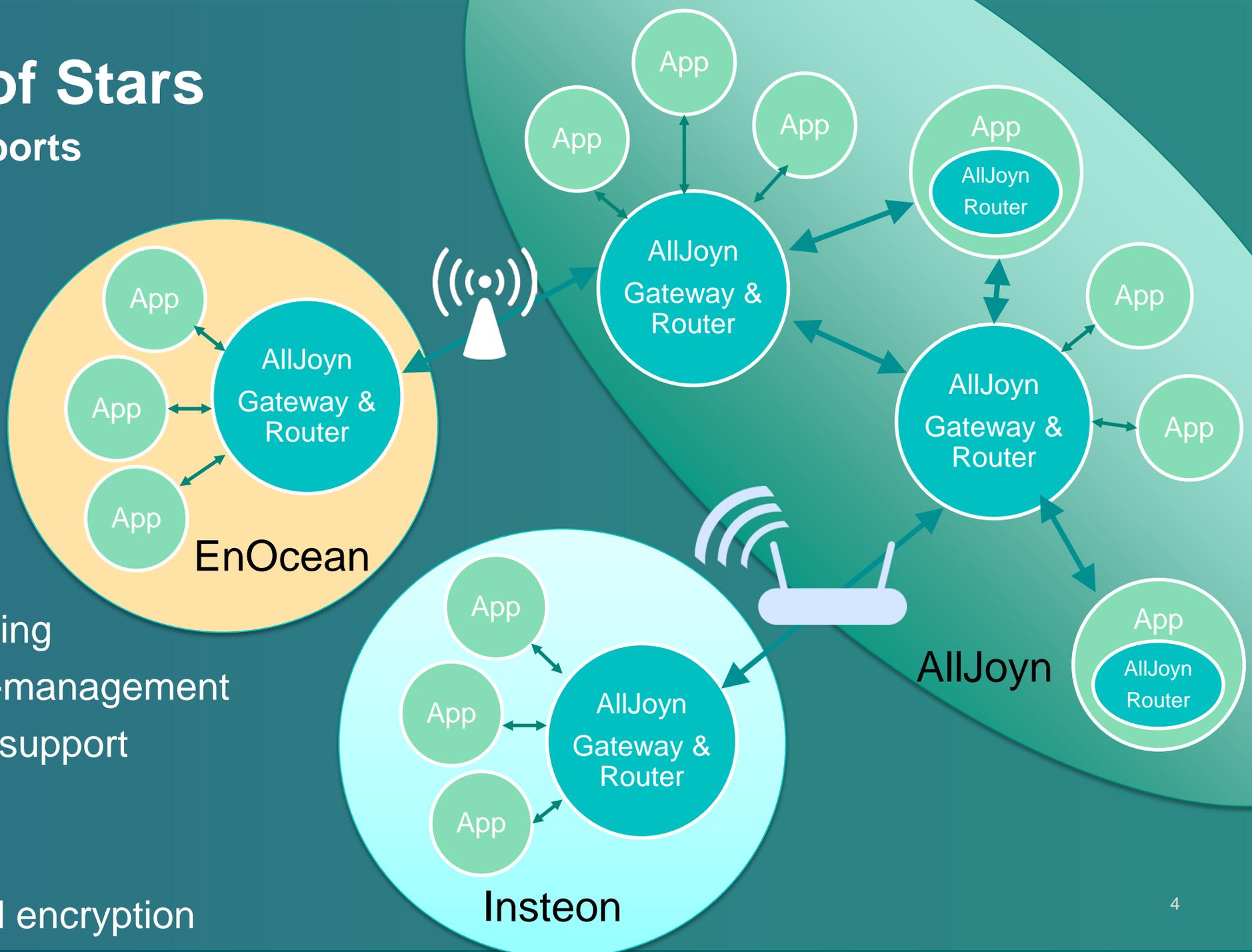
- Interconnect transports

## Router nodes

- Discovery/advertising
- Presence/session-management
- Publish/subscribe support

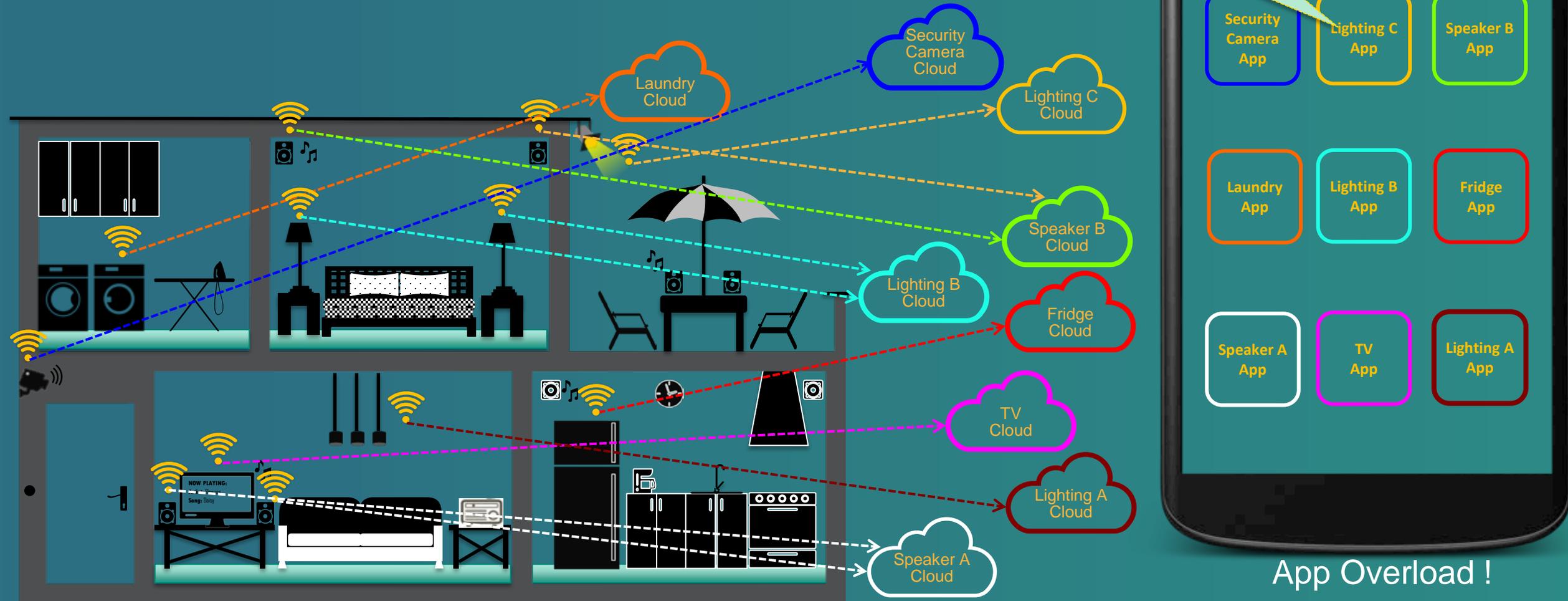
## Leaf nodes

- Application code
- Authentication and encryption



# The Problem with the Internet of Things Today

- A different app for every device.
- Integration is difficult.
- Devices can't interact locally.
- Cloud connections abound.
- Rich scenarios can't easily be build.



App Overload !



# Thank You

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