Beta Presentation
Integration & Testing Suite for ADAS Sensors

The Capstone Experience
Team Bosch

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Project Overview

• Bosch developers are working on code for their Advanced Driver Assistance System radars
• We are building a testing suite that will automate flashing of new hexcode onto radars
• Certain hardware tests will run in testing suite before a sensor gets to a vehicle
• Saves crucial time in development process
System Architecture

Bitbucket → Jenkins → CICT Testing Suite → CANalyzer → CANape → ADAS radar sensor
Bitbucket Build Statuses
Successful Jenkins Build
Failed Jenkins Build
Bitbucket Blocked Pull Request

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What’s left to do?

• Fix CANalyzer launch bug
• Create command for hexcode input
• Modularize checksum function
Questions?