CURRENT STATE OF RENESAS ACTIVITIES

10/27, 2016
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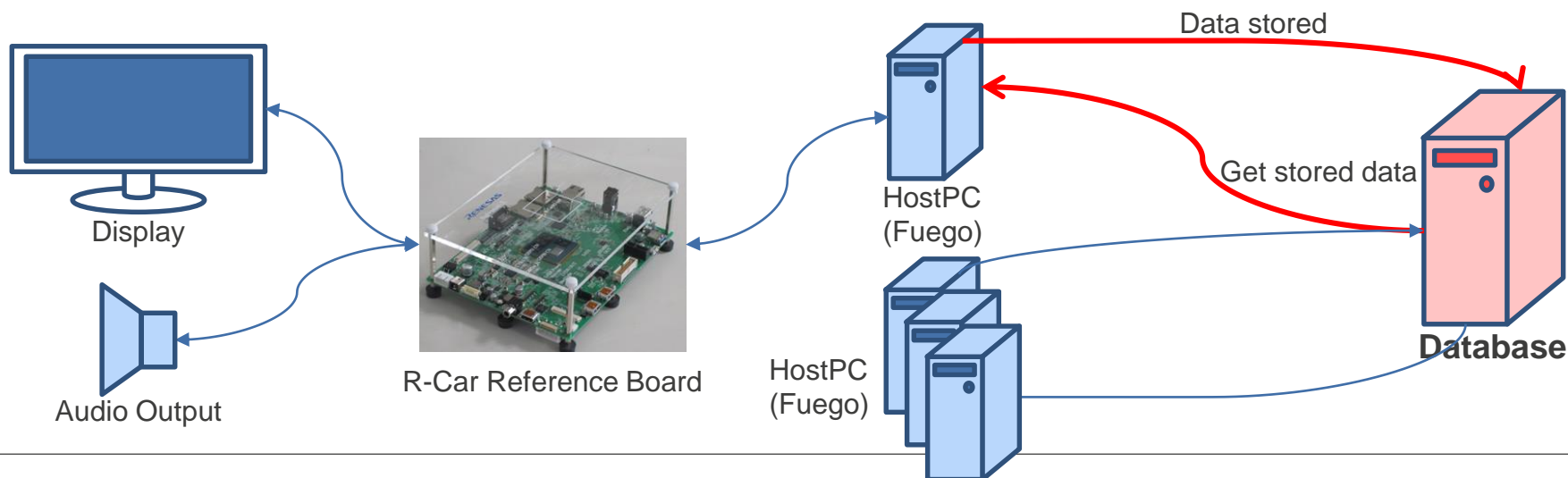RENESAS ELECTRONICS CORPORATION
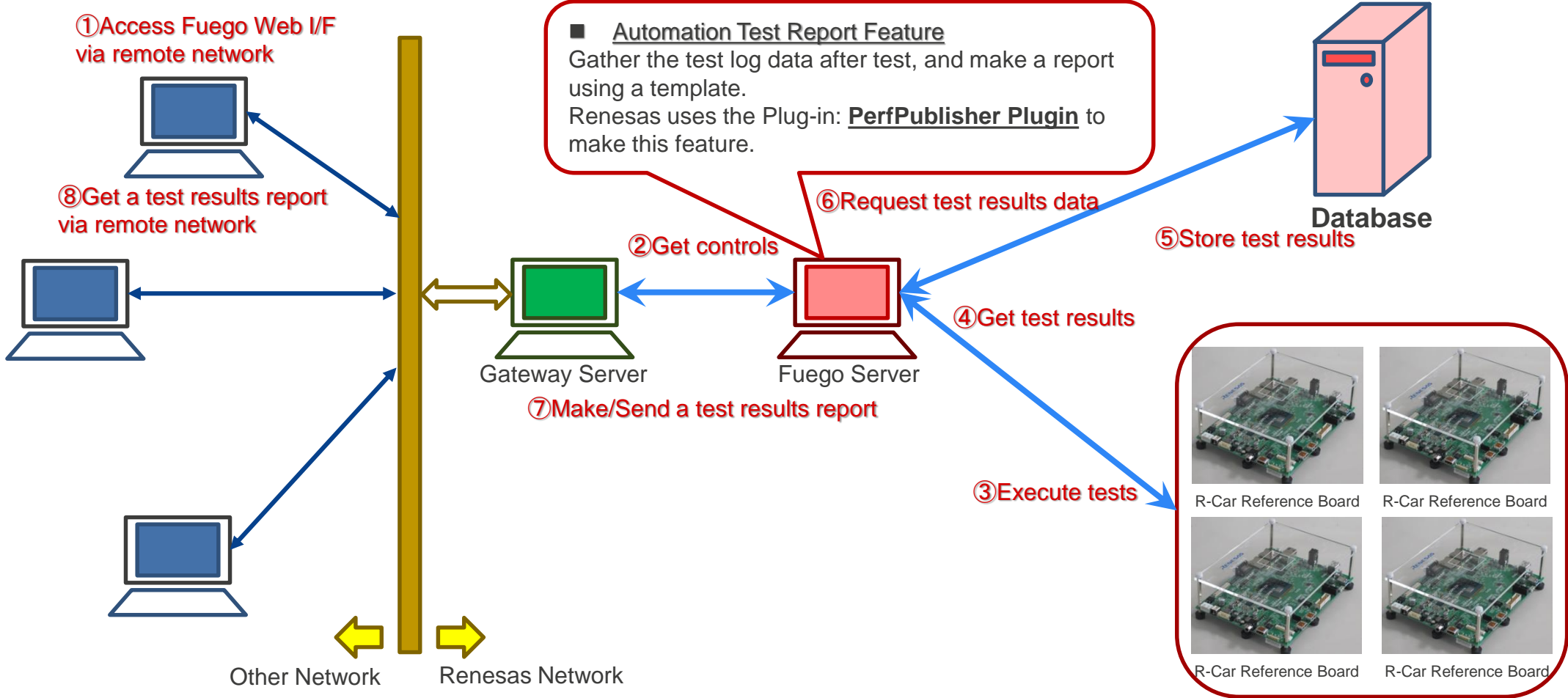
THE AUTOMATION TEST REPORT FEATURE(1/2)

■ The Automation Test Report Feature

⇒ Gather the test log data after test, and make a report using a template.

- Whoever can make an objective test report.

- Even if executed a long time test, we can confirm the status just by checking output reports.

- The test results reports will be managed in a database centrally. It can be searched and output and compared using Database system about the past test results.

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TOTAL TEST ENVIRONMENT USING FUEGO

Current Status

①Access Fuego Web I/F via remote network

⑧Get a test results report via remote network

■ Automation Test Report Feature
Gather the test log data after test, and make a report using a template.
Renesas uses the Plug-in: **PerfPublisher Plugin** to make this feature.

⑥Request test results data

②Get controls

⑤Store test results

Database

④Get test results

Gateway Server

Fuego Server

⑦Make/Send a test results report

③Execute tests

R-Car Reference Board   R-Car Reference Board

R-Car Reference Board   R-Car Reference Board

Other Network   Renesas Network

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THE AUTOMATION TEST REPORT FEATURE(2/2)

■ Template Sample

- PC report info: Ubuntu
- Environment: Linux
- Target board: R-Car
- Note:

Test name	Results	Durations	Details-Comments
Test Case #01			
	passed		
Test Case #02			
	passed		

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ISSUES / CHALLENGE

- Network Security

  - By this system, it may be possible to be tested this environment via remote access. However, how should Renesas ensure Renesas network security?

- Reducing workload / Performance up for Fuego Server

  - This system would receive many unspecified requests from outside. So, how should Renesas reduce the workload to Fuego Server?

  - Moreover, we should consider performance up of Fuego itself.

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