

CASE STUDY

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Simple Devices Inc. (now part of Universal Electronics)

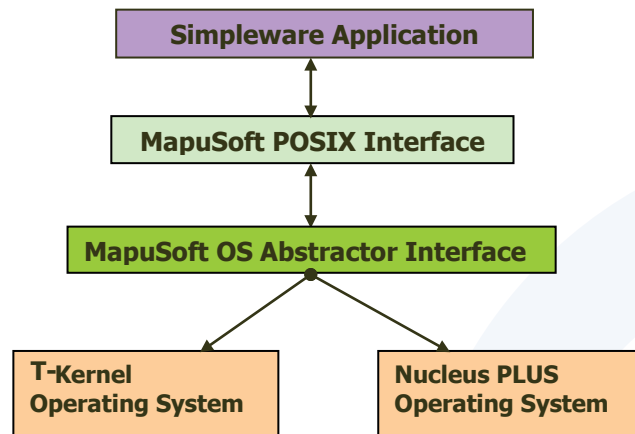
BACKGROUND

Simple Devices (SD), a privately held company based in San Mateo, California, provides software and firmware solutions that enable devices such as TVs, set-top boxes, stereos, automotive audio systems and other consumer electronic products to wirelessly connect and interact with home networks and interactive services to deliver digital entertainment and information. SDs' multimedia connectivity software has an excellent track record with industry-leading customers in the automotive, home entertainment and wireless networking industries.

For this project, SD partnered with Blaupunkt GmbH [German manufacturer of electronics equipment, noted for its home and car audio equipment] to develop a next generation infotainment product for mainly the Japanese market.

PROJECT

SD wanted to migrate their legacy "Simpleware application" running on open-source Linux platform to T-Kernel (Japanese uLTRON based OS) and also Nucleus PLUS.



PRODUCT

POSIX OS Changer Porting Kit for T-Kernel and Nucleus PLUS target RTOS



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SOLUTION

Due to its multi-OS support environment MapuSoft was able to propose a solution which allowed the “Simpleware application” to run on not just one but two Operating Systems. In addition, MapuSoft also successfully completed custom engineering work for Simple Devices (e.g. DLL support for T-Kernel). MapuSoft’s OS Changer Porting Kit allowed them to migrate their Linux-based legacy code by offering a POSIX compliant interface across T-Kernel and Nucleus PLUS platform.

