Next generation SSSP powered by TIZEN

The Samsung Smart Signage Platform (SSSP) is a proprietary, open-source, all-in-one solution. First introduced in 2013, SSSP ushered in a new era of digital signage involving PC-less content and device management environments. The latest generation of SSSP is now powered by TIZEN, to leverage an evolved experience of multimedia and hardware management for our dedicated Content Management Service (CMS) partners through cloud technology. The new developer tools provided to SSSP 4.0 partners also facilitate the development and testing environments of partner solutions, for building robust HTML5 applications.

SSSP 4.0
The latest version of the powerful SSSP solution offers stronger, faster and more stable performance than previous versions.

Powered by TIZEN
Beyond hardware performance enhancement, SSSP 4.0 enables software partners to develop and deploy advanced web applications, to help effectively manage content and SMART Signage for their customers.

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Simplified Application Development and Debugging

TIZEN is a cross-architecture, open source software platform based on a comprehensive standards-based HTML5 implementation. The new Software Developer Kit (SDK) for SSSP 4.0 allows partner developers to develop customized solutions with standard web Application Program Interfaces (APIs) of an open source platform, to support their customers’ needs.

In addition, the newly provided Web Application Emulator empowers SSSP Partners to be able to more simply run, debug and test their web application running on SMART Signage from their computer screen, instead of having to test it on a physical display screen.

Node.js and new APIs for flexible application development

Node.js is an open source, cross-platform runtime environment for developing server-side and networking applications. Node.js uses an event-driven, non-blocking I/O model that allows it to become lightweight and efficient, rendering it perfect for data-intensive, real-time applications that run across distributed devices.

By supporting Node.js programming, partner web applications on SSSP4.0 can also be developed to support various usage scenarios such as Simple Web Server, Web Triggering, and more.

Your application development can now also benefit from the wide range of tools and support available with Samsung’s Smart Signage Platform 4.0, which includes:

- **Web Application SDK**
  - HTML5 and Standards Based
  - Display Extended Web API
  - Light Weight Web Simulator
  - Extensive Tool Suite

- **Web Application Emulator**
  - Live Debugging
  - Remote Web Inspector
  - Debugging and Profiling
  - B2B Developer Forum

- **Simple Web Server (CDS)**

- **Interactive SMART Signage**

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