

## Press release

Hannover, September 2009

### Help from above: Embedded Systems and Cloud Computing

#### **SSV enhances product functions for embedded systems by using cloud-based web services**

For office PCs it is a matter of course: the primary functions of the operating system and of the preinstalled software can be enhanced on demand by access to web applications. For that no additional hard or software extension has to be installed on the PC. The standard web browser and an internet access are good enough. Typical examples for that kind of expandability are the Google office programs (Google apps: word processing spread sheet, presentations and so on), web-based e-mail services as well as Adobe Photoshop Express. Such internet services are called cloud computing services (or SaaS: Software as a Service). With SSV/ECC (SSV Embedded Cloud Computing) SSV has developed a comparable function expandability especially for embedded systems. The main difference herewith is: The access to the additional functions in the internet takes place by using an API (Application Programming Interface) directly from the embedded client software, not by using a browser.

The SSV/ECC internet services will support the SSV product families DIL/NetPC and eSOM-200 as a first step. Initially these are cloud services for data logging, firmware update; VPN-based remote access and remote configuration. In the future problems can be solved with embedded systems and these additional functions for which nowadays expensive industrial PCs are needed. The long time monitoring for process data can be realized, for example, by using a data logging service in which the measurement data is forwarded to the storage media of a data centre by calling a special API. In this manner several GByte storage for the persistent data are available in the internet for the embedded systems.

The DIL/NetPC and eSOM modules with preinstalled SSV/ECC client functions are available with no extra charge from Q4/2009. As cloud services fee required templates are available to the user which can be performed in the data centres of Amazon (EC2), Google (App Engine) or Microsoft (Windows Azure).

#### **Informationen**

SSV Software Systems GmbH  
Susanne Mundrzik  
Heisterbergallee 72  
D-30453 Hannover  
Mail: [smu@ist1.de](mailto:smu@ist1.de)  
Tel.: +49(511) 40 00 042  
Fax.: +49(511) 40 00 040  
[www.ssv-embedded.de](http://www.ssv-embedded.de)

#### **Press Contact**

SSV Software Systems GmbH  
Jörg Neumann  
Heisterbergallee 72  
D-30453 Hannover  
Mail: [jne@ist1.de](mailto:jne@ist1.de)  
Tel.: +49(511) 40 00 013  
Fax.: +49(511) 40 00 040  
[www.ssv-embedded.de](http://www.ssv-embedded.de)

