

Rollover

Search



April 14, 2004

Also in this section

- [- Up to speed](#)
- [- Secure your wireless network](#)
- [- Wireless fengshui](#)
- [- Buy right for your wireless network](#)
- [- Rise of Microsystems...](#)
- [- Towards seamless connectivity](#)
- [- Headed for a smart, new world](#)
- [- Java powers mission to Mars](#)
- [- Wheeling and dealing with Rover](#)
- [- A power-packed agenda](#)
- [- The future is here](#)
- [- A world of opportunities at your doorstep](#)

Specials

Sun Tech Days 2004

Towards higher growth

April 14, 2004

Using Sun technologies has given novaCitynets and AutoScan technology an innovative edge over its competitors. The two local start-ups explain why



THUMBS UP FOR SUN: Mr Solihin and Ms Wong of novaCitynets cite robustness and scalability as some of the benefits of using Sun technologies.

For close to a decade, local IT solutions provider novaCitynets has been carving out an invaluable niche for itself in Singapore's burgeoning e-government space.

The company's forte, said vice-president for business development, Ms Joyce Wong, lies in migrating traditionally slow-moving, over-the-counter transactions to the quick and efficient, hey-presto world of the Internet.

Advertisement

But automating complex business processes involving multiple government agencies and companies would not have been possible without the Java 2 Enterprise Edition (J2EE) platform from Sun Microsystems.

Said Ms Wong: 'Using proven technology like Java helped us to concentrate on solving business problems rather than grappling with the technology.'

E-government projects already implemented by the company include the complex CORENET e-submission system (eSS) for the Building and Construction Authority (BCA), the Vehicle Inspection and Type Approval System (Vitas) for the Land Transport Authority (LTA) and the Integrated City Planning and Management System (SUMBER-PUTRA) for the Putra Jaya Authority.

Automated processes

Most of the systems run on PAVO, a secure, scalable and robust collaborative e-government framework that novaCitynets developed using Java.

PAVO Collaborative Framework allows multiple agencies and users to manage documents, automate business processes and collaborate through a single central portal. The eSS, for instance, is a virtual, one-stop, round-the-clock service centre, which facilitates the electronic submission, processing and approval of building project applications locally.

Send us your press releases!

Fax
6319-8179

Email
editorct@magix

Heard something interesting?

Email
cttalk@sph.com.sg

Companies can make applications to 22 different government agencies via the system, including the URA, BCA, LTA and the Infocomm Development Authority of Singapore.

Java's open 'write-once, run anywhere' model came in handy for writing applications that would seamlessly run on the hetero-geneous computer systems of these various agencies.

Robustness was another key factor in the competitive advantage novaCitynets derived from using Sun technologies.

'Given the complex nature of the project, and the mission critical government applications we were trying to build, we needed a robust platform,' said Mr Wawan Solihin, senior manager of product development at novaCitynets. Develop-ing on Java ensured there were none of the system crashes that plague applications developed on traditional programming platforms, either during the development stage or subsequently, he added.

Scalability is also important. The open, distributed nature of Java systems ensures that applications and infrastructure can be scaled up as and when the need arises. This was particularly useful for the eSS.

'As the e-submission rates are picking up, we are increasing the overall capacity of the system to ensure that it can handle the additional load,' said Mr Solihin.

[Newsletter](#) | [Events](#) | [CT Kids](#) | [Print Edition](#) | [PDA](#) | [Mobile Phone](#) | [Digital Cams](#) | [Audio Players](#) | [Contact Us](#)



Copyright © 2004 Singapore Press Holdings Ltd. All rights reserved. [Privacy Statement](#) [Conditions of Access](#) [Advertise](#)