



## FACT SHEET

The Singapore Computer Systems-Hewlett-Packard (SCS-HP) consortium has established a Grid Computing platform, branded **Alatum** to deliver software, compute and storage (platform) as a service to commercial enterprises and public sector agencies based on a pay-per-use, on-demand basis over the Internet.

Aligned to Singapore's growth as a Shared Services hub in Asia, the consortium is fast building a vibrant Platform and Software-as-a-Service ecosystem, consisting of recognised and proven brandnames internationally.

In delivering Platform-as-a-Service and Software-as-a-Service, Alatum will address the technology reliability and quality standards demanded by business users, whilst freeing enterprises from the expense and hassle of having to install and maintain hardware and software applications locally.

Alatum will drive the grid computing resources from the SCS Data Centre. This will initially comprise an initial base of some 2400 CPU and 16 Terabyte of Storage.

SCS' affiliation with the Singapore's National Grid goes back to 2003. Under the Adaptive Enterprise @ Singapore framework, HP facilitated the establishment of Singapore as the first Asia-Pacific node within the Global Operational Grid, together with the National Grid Office and Infocomm Development Authority of Singapore (IDA). SCS was separately involved in several National Grid pilots and projects, including the National Grid Pilot Platform; the National Grid Operations Centre; the Tera-scale Campus Grid @ NUS project; and the SG@Schools project.

In June this year, after a Call-For-Collaboration for Grid Services Provisioning, IDA appointed SCS-HP consortium as one of the three Grid Service Providers to provide compute, software and storage services on a pay-per-use basis to all businesses, especially SMEs at more competitive prices.

For more information on IDA's Call-For-Collaboration for Grid Services Provisioning, please log onto <http://www.ida.gov.sg/Infrastructure/20070110112154.aspx>

## Alatum Partners Overview

Partner	Brief Description	Alatum Partnership Role
Actuate	<p>Actuate Corporation is dedicated to increasing the richness, interactivity and effectiveness of enterprise data, for everyone, everywhere. Actuate delivers the next generation RIA-ready information platform for both customer and employee-facing applications. The Actuate platform boasts unmatched scalability, high-performance, reliability and security. Its proven RIA capabilities and highly collaborative development architecture are backed by the world's largest open source information application developer community, grounded in BIRT, the Eclipse Foundation's only top level Business Intelligence and reporting project.</p>	<p>Actuate offers a portfolio of products to meet 100% of an organisation's Enterprise Reporting, Performance Management and Java Reporting needs.</p> <p>The Actuate product line assures that 100% of users - inside and outside the firewall - gain value from all the enterprise information assets. A variety of intuitive, personalized and easy to use Business Intelligence, Performance Management and Reporting applications present data integrated from all relevant sources.</p>
Aksaas	<p>Aksaas is a technology company incubated by Exploit Technologies Pte Ltd, which is under the administration of Agency for Science, Technology and Research (A*STAR). The company's vision is to be a leading SaaS product and service company in Asia Pacific in three years. Its business is to innovate and take SaaS to cloud computing level.</p>	<p>ISV incubation services through Axsas Incubation Centre</p> <p>Services provided on Alatum include providing Microsoft SPLA licences, in-house SaaS Applications, and LiveSME</p>
AlpSoft	<p>AlpSoft expanded its capabilities from Traditional Client-Server to N-tier Architectures for Business Application, Internet/Intranet and Mobile Solutions, including data backup-and-recovery solution.</p> <p>Alpsoft is the value added service provider and SaaS-enabling technology partner of Atempo, a US-based Backup and Recovery software company.</p>	<p>AlpSoft is offering LiveBackup Service on Alatum.</p> <ul style="list-style-type: none"> <li>- Fully-automated continuous backup solution for desktop users</li> <li>- Primary usage as desktop data-backup &amp; recovery; secondary role for business continuity</li> </ul>
Avartis	<p>Avartis is a global business consulting and technology services company committed to delivering high performance business solutions. Its services include advising enterprises on performance strategy and drivers for</p>	<p>Avartis Planning represents a new generation of business performance management (BPM) applications finance and planning applications. Available both as a SaaS solution and as a traditional on-premise</p>

	<p>long-term value, and providing technology and implementation services for performance management solutions.</p>	<p>software licence application, Avartis Planning empowers customers to choose the deployment method to suit their own timescales, budgeting, and support requirements. Being able to switch between deployment options using the same identical software solution offers strong cost and flexibility benefits to Avartis customers.</p>
BLC Solutions	<p>BLC Solutions Pte Ltd is a home grown software company of the Singapore Institute of Manufacturing Technology (SIMTech), a research institute of the Agency for Science, Technology and Research (A*STAR) of Singapore.</p> <p>BLC specializes in the development, consulting and implementation of innovative Web-based collaborative Product Lifecycle Management (PLM) solutions for SMEs in the discrete manufacturing industries. Our On-Demand PLM solutions enable SMEs to organize, plan and manage the entire product lifecycles, together with the integrated processes, resources and information needed to support the whole design-to-manufacturing process efficiently.</p>	<p>BLC is a PLM/ERP SaaS application provider in Alatum offering on-demand services based on its TrueOrders™ technology.</p>
Citrix Systems	<p>Citrix Systems, Inc. (NASDAQ:CTXS) is the global leader and the most trusted name in application delivery infrastructure. More than 215,000 organizations worldwide rely on Citrix to deliver any application to users anywhere with the best performance, highest security and lowest cost. Citrix customers include 100 percent of the Fortune 100 companies and 99 percent of the Fortune Global 500, as well as hundreds of thousands of small businesses and prosumers. Citrix has approximately 8,000 partners in more than 100 countries. Annual revenue in 2007 was \$1.4 billion.</p>	<p>Citrix provides the underlying Server Virtualization infrastructure in the Grid Computing initiative, enabling ultimate flexibility in providing applications and computing resources as a service. Citrix also provides the capability to rapidly provision servers with workloads (both physical and virtual) thereby increasing the responsiveness in turning on services for customers – on demand.</p>
Clik Technologies	<p>Clik Technologies provide a unique low-cost website building and management</p>	<p>Clik-a-site is a “Do-It-Yourself” website package, which gives</p>

	package for companies, called klik-a-site.	companies comprehensive website solution at affordable price.
Haley	Haley's comprehensive suite of software enables clients to automate policy, manage business rules, mitigate risk and enforce compliance. Haley's solutions feature a unique, patented natural language platform, rather than programming scripts, that enables users to transparently and reliably integrate business rules into enterprise processes to manage complex decisions, control compliance costs and combat fraud.	Haley's natural language rule authoring environment allows end customers and partners to easily capture or alter business requirements/rules easily and quickly. Haley's Application Foundation provides a flexible web application platform which works seamlessly with all applications and on all platforms.
IBM WebSphere Commerce	IBM WebSphere Commerce provides companies of all sizes with a powerful customer interaction platform for cross-channel and online commerce - supporting all business models.  Used by top enterprises and widely regarded as the industry leading e-commerce solution, IBM WebSphere Commerce provides a future-proof solution for all of a company's e-commerce needs.	IBM WebSphere Commerce's business partner, Cnetric is an ISV providing solutions and services on Alatum.  Services include: <ul style="list-style-type: none"> <li>- Deploy e-Commerce infrastructure and solution in a B2C or B2B environment using IBM WebSphere Commerce.</li> <li>- Provide business portals leveraging IBM and open source portal platforms.</li> <li>- Provide business intelligence KPI dashboards and analytical reports / views for retail enterprise and SME businesses, leveraging the IBM Cognos suite, Cnetric Universal Retail Dashboard as well as other proprietary and open source technologies.</li> <li>- Provide consulting services in the areas of SOA, BPM / Middleware, and Information Management.</li> </ul>
iZeno	Established in 2003, iZeno is a premier provider of best-of-breed Open Source business applications in the Asia Pacific Region.	SugarCRM, the market leading commercial open source CRM application, delivers a feature-rich set of business processes that enhance

		marketing effectiveness, drive sales performance, improve customer satisfaction and provide executive insight into business performance. Supported by deep collaboration and administration capabilities that adapt to how your company operates, Sugar is delighting customers of all sizes across a broad range of industries.
Melioris	Melioris provides finance solutions to better manage working capital, enhance cashflows, improved cost management through effective control and visibility. The company is dedicated to provide trusted, reliable and cost-effective IT-enabled outsourcing solutions for financial processes to enhance companies' competitive advantage and profitability.	<p>Services offered on Grid include:</p> <ul style="list-style-type: none"> <li>- Melioris ADX-MAR receivables management service - helps operationalize a company's collection strategies and automate collections activities</li> <li>- Melioris ADX Collections services - helps companies with high volume of delinquent debts manage their 3<sup>rd</sup> party collection and recovery process.</li> <li>- Melioris Accounts Payable (MAP) Service - helps companies to improve control (with flexible online approval limits) and reduce processing costs using our MAP service</li> </ul>
Microsoft	Founded in 1975, Microsoft is the worldwide leader in software, services and solutions that help people and businesses realise their full potential.	<p>Microsoft will be one of the major platforms supported by Alatum.</p> <p>Windows OS and SQL Databases will be offered as part of the Alatum offerings to all its customers.</p>
NetSuite	Founded in 1998, NetSuite Inc. (NYSE: N) is the leading provider of on-demand, integrated business management software for growing and mid sized businesses	NetSuite is the industry's first and only online business application that supports an entire company—from customer relationship management (CRM) to enterprise resource planning (ERP) to Web capabilities. NetSuite's web-based application offers everything in a single, integrated and powerful solution.

		Additionally, NetSuite enables companies to make better, faster decisions through real-time business intelligence.
Oracle	Oracle is the world's largest enterprise software company	Oracle is providing application solutions and technology platforms through our ecosystem of Business Process Outsourcing (BPO) and Independent Software Vendors (ISV) partners. Together with our partners, these Oracle solutions and platforms provide organizations of all sizes with solutions such as payroll, procurement, e-learning, Database, Enterprise Linux & Oracle VM (Oracle's server virtualization software).
Philip Tang & Sons	<p>Philip Tang &amp; Sons is the leading provider of multiple channel solutions which are truly integrated across the widest range of new media channels.</p> <p>Started as a systems integrator in 1996, the company has consolidated more than 10 years of commercial deployment experience into Moby, a truly cross channel software platform which has been tested and proven in various industries and markets.</p>	Moby is a software platform which enables seamless connection to most backend systems to retrieve and deliver data or carry out transactions over current and emerging new media channels such as the web, mobile, digital TVs, PDAs etc. Moby is deployed as for both interactive marketing and enterprise productivity solutions.
Platform Computing	Platform Computing is a pioneer and the global leader in High Performance Computing (HPC) management software. The company delivers integrated software solutions that enable organizations to improve time-to-results and reduce computing costs. Many of the world's largest companies rely on Platform to accelerate compute or data intensive applications and manage cluster and grid systems.	Platform Computing is providing the Cloud Computing infrastructure and High Performance Computing Cluster provisioning, cluster programming SDK and workload management software infrastructure.
Red Hat	Red Hat, the world's leading open source solutions provider, is headquartered in Raleigh, NC with over 60 offices spanning the globe. CIOs have ranked Red Hat first for value in Enterprise Software for four consecutive years in the CIO Insight Magazine	Available via a pay-per-use model on the National Grid are the Red Hat Application Stack and the Red Hat Enterprise Linux Advanced Platform.

	<p>Vendor Value survey. Red Hat provides high-quality, affordable technology with its operating system platform, Red Hat Enterprise Linux, together with applications, management and Services Oriented Architecture (SOA) solutions, including JBoss Enterprise Middleware. Red Hat also offers support, training and consulting services to its customers worldwide.</p>	
Salesforce.com	<p>Salesforce.com is the market and technology leader in Software-as-a-Service (SaaS) and Platform-as-a-Service (PaaS). The company's portfolio of SaaS applications, including its award-winning CRM, has revolutionised the ways that customers manage and share business information over the Internet. The company's Force.com PaaS enables customers, developers and partners to build powerful on-demand applications that deliver the benefits of multi-tenancy across the enterprise. Applications built on the Force.com platform, can be easily shared, exchanged and installed with a few simple clicks via salesforce.com's AppExchange marketplace.</p>	<p>As the market leader in enterprise cloud computing, Salesforce.com is an active participant in the Alatum grid initiative, providing a range of solutions and services including:</p> <p><u>CRM Software as a Service:</u></p> <p>Easy-to-use Web-based CRM solution for sales, service, marketing, and call center operations that streamlines customer relationship management and boosts customer satisfaction. Organizations can enjoy unparalleled productivity, revenue growth, and business intelligence with Salesforce CRM.</p> <p><u>Platform as a Service:</u></p> <p>The world's first platform as a service (PaaS), Force.com gives you the power to deliver enterprise-class Web applications on demand—without the cost of deploying infrastructure. It's all about computing in the "cloud," and Force.com is the platform powering the new software-as-a-service (SaaS) paradigm.</p>
SingTel	<p>SingTel is Asia's leading communications group providing a portfolio of services including voice and data services over fixed, wireless and Internet platforms. It has a network of 37 offices in 19 countries and territories</p>	<p>Strategic partnership with Alatum to provide all Telco-related infrastructures to support both Enterprise and small-and-medium sized business segments.</p>

	<p>throughout Asia Pacific, Europe and the United States. Together with its regional partners, SingTel is Asia's largest multi-market mobile operator, serving more than 198 million mobile customers in eight markets.</p>	
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