Meeting today’s business challenges through global IT solutions implemented by a seasoned and leading technology partner.

Connecting real people through a next generation Ka-band High Throughput Satellite (HTS) platform delivered in partnership with O3b Networks.
Introduction

Mavoni Technologies is an empowered ICT company founded in 2006 with the sole purpose of delivering tailored and innovative IT and telecommunications solutions that help organizations leverage technology, communications and people to:

- streamline business processes
- lower operational costs
- increase productivity
- and ultimately win market share.

Mavoni was founded by a team of IT professionals who combine over 20 years of experience in delivering successful implementations of integrated IT solutions in various industry sectors within South Africa.

What does Mavoni mean?

“Mavoni” is a shangaan word that refers to “The bearer of light”. It refers to an ancient warrior who’s role in society was to serve as a messenger that delivered information over long distances. This choice of name not only reflects on Mavoni’s desire to integrate people and systems; it also expresses our dedication to provide new answers and solutions to existing problems.

“Business process optimization is a key arsenal in any modern day corporate’s quest to be competitive “

- TINYIKO VALOYI

www.mavoni.co.za
Local Insights - Global Solutions

Mavoni is a pan-African ICT company with intimate knowledge and local insight on business challenges. Through our global off-shore delivery centre based in Bangalore India, we are able to bring global solutions to problems and share best practice with our customers.

A passion for problem solving

At Mavoni we relish the opportunity to tackle complex projects in challenging environments. Our team of highly skilled and experienced engineers and business domain specialists are able to offer innovative solutions to various key vertical industries with a particular focus on telecommunications, financial services, retail, logistics and public sector.

Our approach

<table>
<thead>
<tr>
<th>DELIVERY</th>
<th>EXPERTISE</th>
<th>QUALITY ASSURANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our projects have a maximum timeline of 6 - 9 months.</td>
<td>Project managers are all strong technology specialists with business knowledge.</td>
<td>Testing is done right through the development life-cycle.</td>
</tr>
<tr>
<td>Each phase delivers real business functionality and business benefit.</td>
<td>This will ensure successful delivery of projects within time and budget limits.</td>
<td>This limit risk of projects not delivering to exact requirements.</td>
</tr>
<tr>
<td>Larger projects are divided into development cycles/phases that can fit into this timeline.</td>
<td>Business specialists are involved in requirements definition, quality assurance and project sign-off.</td>
<td>Development cycle is incremental and based on rapid and agile methodologies.</td>
</tr>
<tr>
<td>Shorter cycles allow customers to decide when to commit to the next phase and enable them to limit losses</td>
<td>All sign-off and approvals on business functionality remains the sole prerogative of business specialists and not influenced by technologists.</td>
<td>business and technology specialists sit in an open plan environment to encourage close interaction.</td>
</tr>
</tbody>
</table>

www.mavoni.co.za
Information Technologies

Application Services

Around the globe, businesses rely on us to create new capabilities for their application portfolios. Using our full range of services — from custom application development, testing and maintenance through package deployment, upgrades and consulting — you can invest more strategically in core business activities, while improving ROI from tight IT budgets. We deliver our capability through four integrated professional practices:

### SOFTWARE DEVELOPMENT
- Java, J2EE
- Microsoft .Net
- C++, Legacy development
- Web Application development
- Cobol
- Natural Adabas

### ENTERPRISE APPLICATIONS
- SAP Applications
- Oracle e-Business Suite
- Custom applications
- Enterprise Content Management (ECM - Documentum, Sharepoint, Vignette)
- Customer Relationship Management (CRM - Dynamic CRM)
- CoSign e-Signature

### ENTERPRISE MOBILITY
- Antenna Software Mobility
- MobileFrame
- SMPP, USSD, Java 2 Micro Edition
- Android Developer Kit and Apple Developer Kit (iOS)

### QUALITY ASSURANCE
- Testing services
- Test automation
- Configuration Management
- Performance Benchmarks

www.mavoni.co.za
Information Technologies

IT Infrastructure Services

Increasing globalization. Rapidly evolving technology. New, virtualized ways of working. And a Millennial generation of workers and customers. Together, these mega-trends are changing the IT landscape—and comprising the Future of Work. IT leaders must be seen as integral players who deliver on four value levers: efficiency, effectiveness, virtualization and innovation. Mavoni delivers IT infrastructure services across three areas:-

<table>
<thead>
<tr>
<th>MANAGED SERVICES</th>
<th>IT INFRASTRUCTURE</th>
<th>INFRASTRUCTURE MANAGEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise Computing Management</td>
<td>Desktop and Server hardware</td>
<td>Help desk support</td>
</tr>
<tr>
<td>Networks &amp; Convergence</td>
<td>Call Center Solutions</td>
<td>Network support</td>
</tr>
<tr>
<td>Enterprise Security</td>
<td>Virtualization</td>
<td>Information security</td>
</tr>
<tr>
<td>End User Computing</td>
<td>Storage Area Networks (SANS)</td>
<td>Mainframe support</td>
</tr>
</tbody>
</table>

Enterprise Application Integration

Our integration technology expertise includes middleware products, applications and tools, and is complemented by in-depth knowledge of ERP, SCM, CRM, data warehousing and e-commerce. Mavoni offers Enterprise Integration services in three areas:-

<table>
<thead>
<tr>
<th>ENTERPRISE APPLICATION INTEGRATION</th>
<th>E-COMMERCE INTEGRATION</th>
<th>LEGACY INTEGRATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>WebMethods Integration Server, BPMS</td>
<td>Service Oriented Architecture (SOA)</td>
<td>Unix, Open VMS</td>
</tr>
<tr>
<td>Websphere MQ Series, TIBCO</td>
<td>Enterprise Services Bus (ESB)</td>
<td>IBM Mainframe</td>
</tr>
<tr>
<td>Weblogic Enterprise Server, JBOSS</td>
<td>XML, HTTPS</td>
<td>Natural Adabas</td>
</tr>
</tbody>
</table>

www.mavoni.co.za
Telecommunications

Through a constellation of 8 satellites with a capacity of 84 Gbps deployed at Medium-Earth-Orbit (MEO), Mavoni delivers high bandwidth capacity to all parts of South Africa by utilizing a combination of remote spot beams. Each spot beam has a coverage of 700 km diameter and 1.2 Gbps capacity. We provide a broad portfolio of innovative, field-proven, high capacity backhaul and IP solutions for leading telecommunications operators, public sector as well as corporate customers.

### ENTERPRISE CONNECTIVITY

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Our enterprise VSAT network is designed to provide enterprises with broadband access to the Internet or private networks in order to support their network applications.</td>
<td></td>
</tr>
</tbody>
</table>

### E-GOVERNMENT CONNECTIVITY

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>We offer affordable connectivity for e-Government initiatives that delivers e-learning, e-government, e-health, and universal access.</td>
<td></td>
</tr>
</tbody>
</table>

### WHOLESALE/MOBILE BACKHAUL

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>We provide high capacity transmission enabling mobile operators and ISPs to backhaul traffic from their GSM/3G/HSPA/LTE networks.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coverage is 700 km diameter with each spot beam</td>
<td>Tier 2 terminals supporting between 5 Mbps - 25 Mbps</td>
</tr>
<tr>
<td>make-before-break handover between satellites guarantees uninterrupted service and high uptime</td>
<td>Tier 1 terminals supporting between 155 Mbps - 801 Mbps</td>
</tr>
<tr>
<td>Operate within the Ka-band which boosts more bandwidth</td>
<td>fiber like speed ensures quality services everywhere</td>
</tr>
<tr>
<td>Flexible network architecture</td>
<td>Affordable pricing will contribute towards universal access</td>
</tr>
<tr>
<td>Backed by a comprehensive SLA and 99.95% uptime</td>
<td>MEO orbit delivers fiber like latency of 120 ms</td>
</tr>
<tr>
<td>Smaller terminals will support 2 Mbps - 5 Mbps</td>
<td>Dynamic bandwidth allocation</td>
</tr>
</tbody>
</table>
Mavoni Technologies’ management team consists of executives who combine a unique set of experience and expertise in the ICT, Telecommunications, Health care, financial services and Public service sectors.

**Tinyiko Foster Valoyi - Chief Executive Officer**

Tinyiko was most recently CEO of iBurst Africa, a telecommunications group focused on wireless broadband services in Africa. He was responsible for iBurst Africa’s first foray into Africa establishing iBurst in Ghana, West Africa. He was instrumental in raising over $33 million to rollout iBurst in several African countries including Ghana, Mozambique, DRC and Kenya.

Before this role, Tinyiko was the Chief Technology Officer at RMB Private Bank in charge of technology and strategy. He led initiatives to implement various projects aimed at integrating legacy mainframe banking systems such as Hogan and Phoenix into a modern service oriented architecture platform.

**Mabhuthi Ngobeni – Chief Operations Officer**

Mabhuthi has worked extensively in the United Kingdom with the National Health Service (NHS) helping this organization to streamline its business processes to meet the needs of the health sector in the UK. He has worked as a Business Analyst and Project Manager in a number of projects that helped to integrate IT systems within NHS with private sector health care partners such as Prudential Health, Partners in Care and Netcare. He was responsible for driving an initiative to streamline business process and ensuring that NHS benefited through the effective use of technology to ensure a better service to patients.

Mabhuthi boosts over 5 years experience in the UK healthcare sector. Prior to emigrating to the UK, Mabhuthi worked with Telkom SA Limited in their network operations centre as a project manager based in Pretoria.

www.mavoni.co.za
Tshepo Gracen - Chief Commercial Officer

Tshepo has worked extensively in the IT industry starting out as a software engineer with Sun Microsystems in Johannesburg. He was instrumental in the early days of cross platform systems and helped establish the Java platform in South Africa as a viable platform for large scale commercial applications.

Before joining Mavoni, Tshepo worked at Telkom as a Project Coordinator looking after new systems within their Business Systems division and Network Operations Centre. Tshepo is an avid technology junk and enjoys finding new and innovative ways of using technology to

Joerg Ploetz – Chief Technology Officer

Joerg is an experienced IT specialist with over 15 years in delivering ICT solutions in Germany and South Africa. He is the founder of ACI Computer Solutions MBH, an IT service provider and outsourcing company that specializes in IT solutions for SMME and Public Sector Organizations based in Germany.

Joerg has over 15 years experience integrating and managing IT solutions and during this time has established a number of unique partnerships with key IT organizations such as Cisco, Siemens across Germany and Europe. In 2005, Joerg immigrated to South Africa in search of new opportunities.
In order to keep abreast of technology and best practices in the ICT sector, Mavoni has partnered with global technology leaders. Our partners are leaders in their respective fields who give Mavoni access to the best and most cutting edge technology and practices in our industry. Below are some of our most treasured partners:

### Software AG

Software AG is the global leader in Business Process Excellence. Our 40 years of innovation include the invention of the first high-performance transactional database, Adabas; the first business process analysis platform, ARIS; and the first B2B server and SOA-based integration platform, webMethods.

### International Business Machines (IBM)

International Business Machines (IBM) (NYSE: IBM) is a multinational technology and consulting firm headquartered in Armonk, New York. IBM manufactures and sells computer hardware and software, and it offers infrastructure, hosting and consulting services in areas ranging from mainframe computers to nanotechnology.

### O3b Networks

O3b Networks is building a new fiber-quality, satellite-based, global Internet backbone for telecommunications operators (telcos) and Internet service providers (ISPs) in emerging markets. The O3b Networks system will combine global reach and the speed of a fiber-optic network.

On the 31st of May 2011, Mavoni and O3b Networks announced a multi-million dollar deal to provide high speed connectivity to schools and municipalities in underserved regions of South Africa.

**www.mavoni.co.za**
Our customers

We are proud of our achievements to date but we are always looking for continuous improvement. Our customers can testify to our drive and commitment. Leading companies in their respective industries such as:-

These are merely a handful of organizations that have seen Mavoni Technologies help their business flourish.
There are plenty of other projects under way to serve the region. One of the most exciting is O3b Networks. Founded by Gary Wyler, O3b Networks — the O3b stands for the “other three billion” of the world’s people who are not connected — wants to make the Internet “accessible and affordable” to those who remain cut off from the Web when it launches its US $1,2bn constellation of satellites in 2012/2013.

Backed by companies such as Google, SES and Liberty Global and by the Development Bank of Southern Africa, O3b’s satellites will orbit just 8,000km above the earth — about four times closer than geostationary satellites — promising “lower latency” (less delay in the network) and faster connectivity.

This week, the company signed a deal with SA’s Mavoni Technologies to bring “fibre-like speeds” to places such as Limpopo, Mpumalanga and the Northern Cape and is promising to take connectivity to more than 2,000 rural schools.

O3b, Mavoni to roll out broadband to underserviced municipalities

By: Christy van der Merwe
31st May 2011

Global satellite telecommunications network operator O3b Networks on Tuesday signed a multi million-dollar deal with South Africa-based Mavoni Technologies, which would see the roll-out of Internet Protocol (IP) broadband connectivity to underserviced municipalities in the Northern Cape, Limpopo and Mpumalanga.

O3b Networks was building a $1,2-billion satellite-based global Internet backbone, with a constellation of eight medium-earth orbit (MEO) satellites, which would launch at the end of 2012 and the first quarter of 2013.
Contact Information

**Head Office**
The Business Centre
8 Gemsbok Lane, Cnr 12th Avenue
Rivonia
Johannesburg 2128

PO Box 1897
Rivonia
2128

**Contact Details**
T+27116123725
F+27866448340
info@mavoni.co.za
http://www.mavoni.co.za