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A DIVISION OF SOURCECODE

AI FOR AFRICA

EMPOWERING INNOVATION, ACCELERATING ACCESS

CONTENTS

WHAT'S INSIDE?

DRIVING AI INNOVATION ACROSS AFRICA

At Boston IT Solutions South Africa, we are committed to transforming Africa's digital landscape through accessible and scalable AI solutions. Leveraging our deep expertise in AI infrastructure, cloud services and Progression as a Service (PRaaS), we empower businesses and governments to harness the full potential of artificial intelligence for innovation, growth and problem-solving.

WHY CHOOSE BOSTON FOR YOUR AI JOURNEY?

TAILORED AI SOLUTIONS FOR AFRICA:

Our AI Starter Kit and PRaaS frameworks are uniquely designed to address the specific challenges of African markets, enabling organisations to overcome barriers such as high costs, limited infrastructure and skill shortages.

COMPREHENSIVE SERVICE OFFERINGS:

From consultation and infrastructure design to deployment and ongoing support, Boston is your end-to-end partner in building AI capabilities that drive measurable results.

ETHICAL AND SUSTAINABLE PRACTICES:

We prioritise ethical AI and sustainability, ensuring that our solutions address social challenges while promoting environmental responsibility.

OUR SOLUTIONS

THE AI STARTER KIT

An accessible entry point to AI for businesses of all sizes, the AI Starter Kit includes:

- Pre-configured AI hardware and software
- Support for essential AI frameworks and tools
- Scalability to grow with your business needs

Designed to lower the barriers to AI adoption, the kit empowers organisations to explore AI's potential without significant upfront investment.

PROGRESSION AS A SERVICE (PRAAS)

Our seven-pillar framework ensures sustainable AI adoption:

- **Education & Awareness:** Customised AI training for African markets
- **Strategic AI Implementation:** Step-by-step roadmaps tailored to your business goals
- **Technical Enablement:** Cost-effective AI infrastructure and cloud-based GPU access
- **Ongoing Support & Scalability:** Expert guidance for evolving AI needs
- **Localised Solutions:** Tailored AI applications for sectors like agriculture, healthcare and education
- **Ecosystem Building:** Partnerships with universities, governments and businesses
- **Ethics & AI for Social Good:** Solutions that address critical social issues.

OUR STANCE ON AI IN AFRICA

Boston IT Solutions South Africa champions accessible AI solutions across the African continent. Our approach focuses on addressing the unique challenges and opportunities present in Africa, including the African AI conundrum, which involves high CapEx costs, hardware vendor perceptions, a demand for AI despite a lack of knowledge and insufficient local GPU power and skills.

PRaaS plays a crucial role in filling this knowledge gap by providing education, support and guidance tailored to Africa's specific needs.

It is designed to progress AI adoption by offering solutions that address local problems with localised AI innovations, helping businesses and governments understand how to implement and benefit from AI technology.

The AI Starter Kit is an accessible, practical tool aimed at lowering the barriers to AI adoption. It allows organisations to experiment with AI on a smaller scale, showcasing how AI can transform business processes. This starter kit bridges the gap between existing technical infrastructure and the advanced capabilities required to deploy AI effectively across the continent.
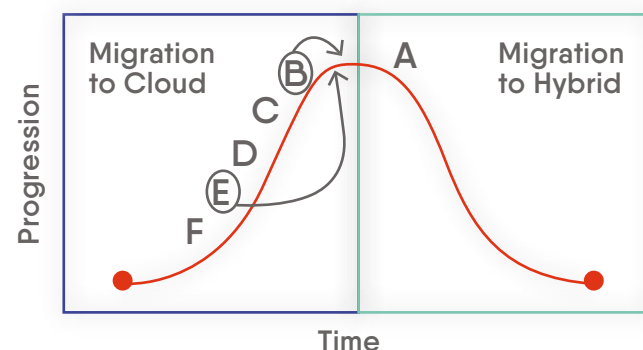
PRAAS-IN-A-BOX

Cloud and GPUaaS adoption rates vary significantly across regions. While the Western world has seen substantial growth due to advanced infrastructure and strong demand, emerging markets like South Africa are also demonstrating increasing interest. Despite challenges, the African continent presents significant potential for cloud and AI adoption. Boston IT Solutions South Africa aims to position itself as a leader in cloud and AI integration and implementation through Progression-as-a-Service (PRaaS), offering tailored solutions to address Africa's specific needs. By leveraging technology and understanding local challenges, we believe Africa can become a key player in the global market.

PRaaS is a comprehensive, AI-driven solution designed to enhance capabilities by integrating a range of advanced technologies including GPU-as-a-Service, AI-as-a-Service and Machine-Learning-as-a-Service, among others. PRaaS offers a scalable and flexible platform to address challenges in network performance, customer engagement, regulatory compliance and sustainability.

By implementing PRaaS, businesses can drive innovation, explore new revenue streams and strengthen its competitive position while adapting to evolving market dynamics and customer expectations across Africa.

Boston IT Solutions South Africa is a provider of IT solutions with a strong focus on cloud, networking, security, storage, compute and GPUs. Our core competency lies in the integration of these technologies to deliver tailored solutions that meet specific business requirements. We offer comprehensive services from solution design to post-implementation support, aiming to deliver value to our clients. Our pre-sales team is dedicated to understanding client needs and developing appropriate solutions, while our post-sales team provides ongoing support to ensure optimal system performance.

Legend
A – Western world cloud progression
B – South Africa cloud progression
C – Africa cloud progression
D – Western world GPU progression
E – South Africa GPU progression
F – Africa GPU progression

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UNLOCK THE POWER OF AI WITH OUR COMPREHENSIVE STARTER KIT. DESIGNED SPECIFICALLY FOR SOUTH- AFRICAN AND AFRICAN ORGANISATIONS, WE PROVIDE END-TO-END SUPPORT, FROM STRATEGY TO IMPLEMENTATION. OUR TEAM OF SKILLED DATA SCIENTISTS ENSURES YOU BUILD A CUSTOMISED AI SOLUTION THAT DRIVES RESULTS.

SUPPORTED. LICENSED. WHITE-BOXED. HOSTED. TODAY.

AI STARTS HERE.

NVIDIA | Elite Partner

NVIDIA | DEEP LEARNING INSTITUTE

HOW WE WORK

CONSULTATION & DESIGN:

We collaborate closely with you to understand your objectives and create customised AI roadmaps. Our services include:

- Compute and network design
- Thermal and rack layout optimisation
- Software architecture for large-scale AI deployment.

DEPLOYMENT & IMPLEMENTATION:

From infrastructure setup to system validation, we ensure a seamless integration of AI into your operations.

MAINTENANCE:

Our team handles the complexities of AI system management, so you can focus on innovation.

TRAINING & CERTIFICATION:

Through our Boston Training Academy, we offer expert-led workshops, NVIDIA DLI programmes, and tailored learning paths to upskill your workforce.

GEOGRAPHIES AND AI PROGRESSION

WESTERN WORLD CLOUD AND GPU-AS-A-SERVICE PROGRESSION

The Western world leads in cloud and GPU-as-a-Service (GPUaaS) adoption, driven by robust infrastructure and high demand for digital transformation. Tech companies, research institutions and large enterprises leverage advanced GPUaaS solutions for AI, big data and IoT applications.

SOUTH AFRICA CLOUD AND GPU-AS-A-SERVICE PROGRESSION

South Africa is experiencing growing interest in cloud technologies and GPUaaS, with large enterprises and research institutions adopting these solutions for AI research, financial modelling and academic projects. Infrastructure development is steadily improving, supported by increasing local data centre capabilities.

AFRICA CLOUD AND GPU-AS-A-SERVICE PROGRESSION

Cloud adoption across Africa varies significantly, with gradual progress driven by tech hubs, multinational corporations and partnerships with global providers. GPUaaS adoption is in its infancy but shows potential in sectors like agriculture, healthcare and education, supported by international collaborations and local initiatives.

PARTNER WITH US

CONSULTATION & DESIGN:

Join the growing network of African organisations transforming their operations with Boston IT Solutions South Africa. Together, we can:

- Accelerate innovation
- Foster economic growth
- Build a sustainable AI ecosystem.

CONTACT US

CONTACT US TODAY

Let us help you accelerate your AI journey with Boston IT Solutions South Africa. Get in touch with our team to explore cutting-edge solutions and discover how we can empower your organisation with the latest in AI technology.

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LET BOSTON IT SOLUTIONS SOUTH AFRICA GUIDE YOUR AI JOURNEY TODAY!

BOSTON AROUND THE WORLD

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OVER 30 YEARS
IN THE INDUSTRY

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SITES

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COUNTRIES
SERVED

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INTERNATIONAL
LABS

EUROPE

USA

ASIA

AFRICA

AUSTRALIA

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