



QAST

Empowering Excellence

Leading ICT Managed Service Provider

KNOW US BETTER

Who We Are

QAST, a leader in the ICT industry in Sudan, is a subsidiary of the esteemed Kuwaiti Sudanese Holding Company (KSHC) and operates as a sister company to Zain Sudan. Our primary focus is to navigate the dynamic nature of ICT infrastructure and deliver exceptional services to our valued clients. With a commitment to service delivery, innovative solutions, software development, and customized services for open-source digitalization platforms, QAST is at the forefront of technological advancements.

[More About Us](#)



Business Domain

Information Technology

QAST provides advanced technology solutions to boost businesses' success, with a dedicated team of experts dedicated to providing exceptional services that meet your unique needs.

Telecom

As a leading provider of telecom solutions with a focus on reliability and innovation, QAST offers a wide array of services that optimize your communication infrastructure and enhance connectivity.

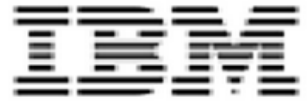
Professional & Managed Services

QAST provides professional services for managing technology and telecom resources, ensuring smooth operations, efficiency, support in project management, integration, and maintenance.

Cloud and Hosting

QAST cloud services provide reliable, secure, scalable infrastructure, robust hosting solutions, and efficient resource allocation, allowing focus on core business while handling technical aspects.

Strategic Partners



Clientele





Mahmoud EL Assad

General Manager

“ Working In Telecom Managed Services in Sudan demands a tremendous amount of courage, Professionalism and utilizing one’s entire intellect. It’s considered one of the most intricate and challenging sectors, especially with the rapid advancements in technology and constant turnover of highly skilled staff, let alone the challenge of retaining them. “



What Drive Us



Mission Statement



At QAST, our mission is to deliver reliable solutions of the highest standards by building strong teams, implementing efficient operating models, setting a positive corporate culture, ensuring robust governance, streamlining processes, leveraging advanced tools, and embracing new technologies, all while prioritizing customer satisfaction above all else and continually striving for innovation and excellence in everything we do.

Vision



QAST envisions becoming a recognized leader in the ICT sector, providing managed services and innovative solutions in Sudan and the wider region. Our goal is to actively contribute to the nation's digital sector by driving advancements and embracing emerging technologies. QAST aspires to empower businesses and communities through tailored ICT strategies and unparalleled customer support.

Core Values



Professionalism: Demonstrate strong work commitments, treat others with respect and accountability.

Integrity: Engage in activities aligned with moral and ethical standards, building trust with clients, partners, and stakeholders.

Customer Centricity: Respect and fulfill customer needs, provide tailored support for their goals.

Information Technology



Information Technology



QAST offers reliable network connectivity and robust datacenter infrastructure for business success, leveraging advanced technologies for seamless connectivity, enhanced performance, and secure infrastructure.



IT Networking & Infrastructure

Our team offers comprehensive IT networking and infrastructure solutions, ensuring seamless connectivity and optimized performance for your organization, utilizing the latest technologies for secure infrastructure.

Cybersecurity

Our cybersecurity services prioritize data and digital assets protection, offering robust strategies, advanced solutions, risk assessment, vulnerability management, and incident response to safeguard against evolving cyber threats.

Application Development

Our application development services provide tailored and innovative customized software solutions, including web, mobile, and enterprise software, using advanced technologies and industry best practices for robust and scalable solutions.

Data Analysis

Our data analytics and business intelligence services provide comprehensive insights from vast data reserves, enabling informed decision-making and driving business growth through advanced analytical tools and predictive modeling.

- **IT Networking & Infrastructure**

QAST provides dependable network connectivity and robust datacenter infrastructure, utilizing advanced technologies for enhanced performance and secure infrastructure for business success.





Network Services

Network Design and Implementation: Our team creates and executes network solutions, analyzing business requirements, capacity assessment, and creating comprehensive architecture plans for optimal connectivity and performance.

Network Security: Our network security services prioritize data and infrastructure protection through advanced solutions like firewalls, intrusion detection systems, encryption, and access controls, ensuring network integrity.

Network Optimization and Performance: Our team enhances network infrastructure performance and reliability by monitoring, planning, and tuning, identifying areas for improvement and implementing performance-enhancing measures.



Datacenter Services

Datacenter Design and Build: Our team builds secure, scalable datacenters for critical applications and data, assessing power, cooling, security, performance, and flexibility, offering tailored solutions for on-premises and colocation services.

Cloud Connectivity: Our secure cloud connectivity solutions enable seamless data transfer between on-premises infrastructure and top cloud platforms, enhancing scalability, agility, and cost optimization for modern businesses.

Disaster Recovery and Business Continuity: Our datacenter services offer robust disaster recovery solutions, ensuring data protection and business continuity through secure backup and replication strategies, minimizing downtime and facilitating efficient recovery.

Managed Services and Support: Our team offers comprehensive managed services, including proactive monitoring, maintenance, and 24/7 technical support, to ensure optimal network and datacenter infrastructure performance and availability.

- **Cybersecurity**

QAST offers cybersecurity services to protect valuable data and digital assets, focusing on risk assessment, vulnerability management, and incident response to ensure organization's security in the digital landscape.



Risk Assessment



Our cybersecurity experts conduct thorough risk assessments to identify vulnerabilities and security gaps within your organization, developing tailored strategies to mitigate risks and enhance security posture.

Vulnerability Management



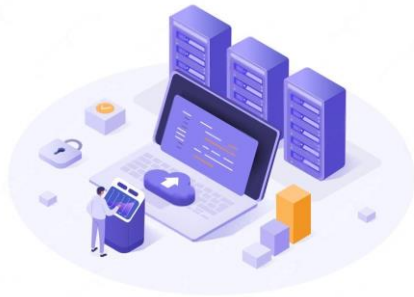
Our team uses advanced scanning technologies to identify and promptly address infrastructure vulnerabilities, ensuring the protection of your systems and data from exploitation.

Incident Response



Our 24/7 experienced team responds promptly to security breaches and cyber attacks, utilizing industry best practices and protocols to minimize damage and protect your organization's assets.

Security Monitoring and Threat Intelligence



We utilize advanced security monitoring tools to continuously monitor systems and networks, detecting and responding to potential threats in real-time, reducing the likelihood of successful attacks.

Security Awareness Training



We offer comprehensive security awareness training programs, educating the best practices, potential threats, and safe computing habits, empowering them to be the first line of defense against cyber threats.

Compliance and Regulatory Support



Our cybersecurity services ensure compliance with industry regulations like GDPR, HIPAA, and PCI DSS, providing guidance, controls, and audit assistance to prevent penalties.

- **Application Development**

QAST offers innovative software solutions for businesses, combining cutting-edge technologies and industry best practices. Their skilled developers create custom applications, enhancing efficiency and user experiences, ensuring robust and scalable solutions.



Custom Software Development



Our developers collaborate with businesses to create customized software solutions, addressing specific needs and goals, ensuring seamless alignment with business workflows, providing a competitive edge.

Web Application Development



Our team specializes in developing web applications that enhance customer engagement and streamline operations, utilizing modern technologies for responsive, scalable, and secure solutions.

Mobile App Development



We specialize in creating modern business strategies-focused mobile apps using native or cross-platform frameworks for iOS and Android platforms, ensuring intuitive, feature-rich, and optimized experiences.

Enterprise Software Solutions



Our expertise in developing enterprise software solutions optimizes operations, improves productivity, and enhances collaboration, ensuring efficient information flow across departments and seamless integration with existing infrastructure.

User Experience (UX) Design



Our UX designers collaborate with clients to understand target audience needs, create intuitive interfaces through wireframing, prototyping, and usability testing, prioritizing usability and accessibility for successful software applications.

Quality Assurance and Testing



Our commitment to quality software solutions is reflected in our rigorous testing process, utilizing industry-standard methodologies, comprehensive scenarios, and regression testing to ensure flawless functionality.

- **Data Analytics & Business Intelligence**

QAST offers comprehensive data analytics and business intelligence services, transforming raw data into actionable intelligence for informed decision-making and driving business growth in today's data-driven world.



Data Strategy and Consulting



Our experts create a comprehensive data strategy for successful data analytics and business intelligence initiatives, ensuring focus, efficiency, and maximum value to your organization.

Data Integration and Warehousing



Our team provides efficient data integration and storage solutions, consolidating data from various sources for easy access and analysis, ensuring consistency and reliability for analytics initiatives.

Data Visualization and Reporting



Our data analytics team utilizes advanced visualization tools to create intuitive dashboards, reports, and complex data, enabling users to explore patterns, identify trends, and make informed decisions.

Advanced Analytics and Decision Support



Our data analytics services utilize advanced techniques such as data mining, text analytics, and sentiment analysis to uncover insights, aiding strategic decision-making, growth opportunities, optimization, and enhance customer experience.

Predictive Analytics and Machine Learning



We utilize sophisticated predictive analytics and machine learning algorithms to extract future insights from historical data, enabling accurate predictions, process optimization, and gaining a competitive edge in the industry.

Data Governance and Security



We prioritize data integrity and security by implementing robust data governance frameworks, access controls, encryption, and monitoring usage to ensure quality, privacy, and regulatory compliance in analytics initiatives.

Telecom



As a leading provider of telecom solutions with a focus on reliability and innovation, QAST offers a wide array of services that optimize your communication infrastructure and enhance connectivity.

Network Planning & Deployment

Our team of experts helps businesses design, plan, and deploy robust telecom networks, leveraging industry knowledge for efficient connectivity, high performance, and efficient network utilization, from initial design to ongoing optimization.

Carrier Technology

Our carrier technology services provide global comprehensive connectivity through seamless voice, data, and multimedia transmission across networks, ensuring reliable and efficient communication for smooth operations and enhanced customer experiences.

Field Services

Our field services offer comprehensive on-site support and maintenance for your telecom infrastructure, including installation, configuration, troubleshooting, and repair, aiming to minimize downtime, optimize performance, and ensure uninterrupted telecom system operation.

- **Network Planning & Deployment**

QAST is a company that specializes in helping businesses design, plan, and deploy robust, scalable telecom networks. Their team of experts uses industry knowledge and advanced technologies to ensure seamless connectivity, high performance, and efficient network utilization.



Engineering



Oversees project implementation from conception to delivery. Managing site acquisition, construction, and civil work. Implements robust power solutions for network support. Coordinates with vendors for seamless equipment integration and maintaining high standards for all stakeholders.

Planning



Our planning department focuses on crafting long-range strategies for network growth and enhancement. Preparing the network for seamless integration of new projects. Evaluating and endorsing technologies that streamline project implementation. Developing a forward-looking network technology roadmap.

Rollout



Our main function is managing the deployment of vendor projects with an eye on innovative practices to create new revenue opportunities. The rollout department acts as the foundational element of the PMO, leading project delivery throughout the organization.

Network Planning (Radio, Transmission, IP, and Core)



Our network planning services cover radio, transmission, IP, and core networks, optimizing coverage, capacity, and performance. We analyze factors like signal propagation, interference, and topology to design reliable, efficient transmission networks and secure IP and core networks.

Network Engineering (Site Acquisition, Power, Civil, and PMO)



Network engineering for telecom network deployment involves site acquisition, power management, civil engineering, and PMO coordination. We identify suitable sites, manages power requirements, and designs infrastructure to industry standards, ensuring effective project management and stakeholder collaboration.

- **Carrier Technology**

QAST provides carrier technology services for seamless voice, data, and multimedia transmission, ensuring global connectivity for businesses and individuals, enhancing operations and customer experiences.



Emergency Response and Continuity



Customer-Centric Operations



Innovation and Evolution



Network Surveillance and Optimization



Our team prioritizes emergency response and business continuity, utilizing redundant systems and robust disaster recovery protocols to ensure network resilience and uninterrupted service during emergencies.

We prioritize prompt and effective customer service by collaborating with service teams to respond to feedback, enhance network experience, and deliver solutions that exceed customer expectations.

We prioritize innovation and futuristic network infrastructure, ensuring your network is capable of supporting emerging technologies like 5G and beyond, enabling you to seize new opportunities in an evolving digital landscape.

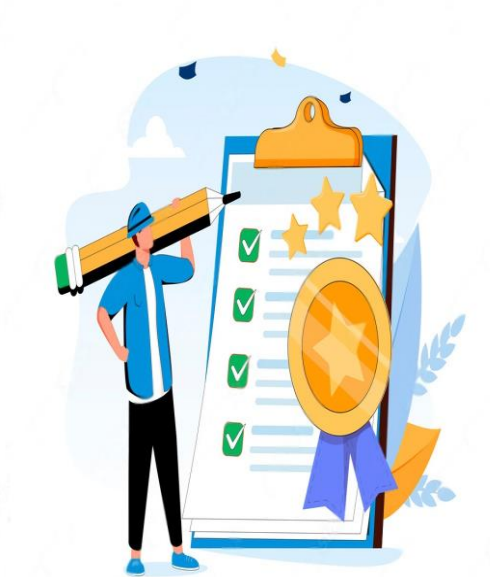
The Front Office and Back Office collaborate in the Network Operations Center (NOC) to monitor network infrastructure 24/7, proactively identifying and resolving issues to ensure optimal performance and superior user experiences.

Quality Assurance

Maintenance and Upgrades

Re-farming

Drive Testing



Our top priority is adherence to Quality of Service standards, with continuous performance data analysis to optimize network capacity. Our dedicated team from the Radio Network Optimization (RNO) ensures your network meets industry benchmarks for superior connectivity.

We maintain your 2G, 3G, and LTE networks with a strict maintenance schedule, ensuring seamless ongoing peak efficiency. We manage software and physical infrastructure upgrades promptly, ensuring your network remains robust, secure, and capable of optimal performance.

Re-farming involves reallocating existing spectrum bands to newer technologies, improving efficiency and supporting technological transitions. Cost-effective, regulatory-compliant, and customer-friendly initiatives optimize spectrum usage, enhancing network performance and capacity.

Drive testing is a crucial process that gathers data on network performance to optimize coverage, troubleshoot issues, benchmark against competitors, ensure regulatory compliance, and guide future planning and upgrades, especially for advanced technologies like 4G and 5G.

- **Field Services**

On-Site Support and Maintenance Solutions

QAST provides comprehensive field services for telecom infrastructure, focusing on installation, configuration, troubleshooting, and repair, aiming to minimize downtime, optimize performance, and maintain operational efficiency while preserving OPEX.



Safety & Security Services



Our field services prioritize safety, security, efficiency, and reliability in telecom operations, conducting regular audits, implementing robust measures, and providing training to protect infrastructure and personnel.

Field Operation & Maintenance (O&M)



Our experts handle field operations and maintenance, ensuring telecom infrastructure operates at peak performance. They focus on efficiency, reliability, and minimizing disruptions to maintain network smoothness.

Fuel Management



Our field services focus on fuel management for telecom infrastructure, ensuring uninterrupted power supply, monitoring fuel levels, scheduling refueling, and implementing effective storage and distribution strategies.

Audit & Quality Services



Field services encompass on-site tasks, while Audit & Quality Services ensure compliance and uphold standards through assessments and evaluations. Both are vital for operational excellence and customer satisfaction.

- **Professional & Managed Services**

QAST offers professional services for managing technology and telecom resources, ensuring smooth operations, efficiency, and project management, system integration, and maintenance.



Project Management



Our project management professionals handle complex technology projects, ensuring timely execution, resource allocation, and budget compliance while adhering to quality standards and timelines.

Ongoing Maintenance and Support



Our performance optimization services optimize technology by identifying bottlenecks, optimizing configurations, enhancing performance, scalability, and reliability, thereby maximize investment value.

Performance Optimization



Our managed services ensure the performance and reliability of your technology and telecom resources, providing ongoing maintenance and support, allowing you to focus on your core business.

Consulting and Advisory Services



Our technology and telecom experts provide consulting services to assist in strategic decisions, including infrastructure upgrades, network expansion, and technology exploration, ensuring alignment with business goals.

Vendor Management



Our vendor management services streamline technology vendor relationships, ensuring effective communication, timely delivery, and service level agreements, simplifying procurement and support processes.

- **Cloud & Hosting**

QAST offers professional services for managing technology and telecom resources, ensuring smooth operations, efficiency, and project management, system integration, and maintenance.



Scalable Infrastructure



Our cloud and hosting services provide a flexible, scalable infrastructure that can adapt to your needs, optimizing resource allocation, minimizing costs, and ensuring high performance during peak demand periods.

Robust Hosting Solutions



Our hosting solutions, including shared, VPS, and dedicated hosting, which are designed to provide high availability, reliability, and security, ensuring optimal customer user experience and optimal application performance.

Cloud Migration Services



Our cloud migration services streamline complex transitions by assessing environment, developing comprehensive strategies, and executing minimal disruptions, handling data migration, application compatibility, and infrastructure configuration.

High Availability and Data Security



Our cloud and hosting services and dedicated team of experts prioritize high availability and data security, utilizing reliable, robust infrastructure, industry best practices, and encryption to protect your valuable information.

Efficient Resource Allocation



Our experts optimize resource allocation for cost-effective cloud and hosting solutions by analyzing workload requirements, designing infrastructure, and implementing strategies for optimal performance and efficiency.

Partnering with ORACLE



Partnering with ORACLE, we offer advanced technology and telecom solutions, addressing your specific needs in the digital era. Our partnership enables innovative, scalable solutions for database, cloud infrastructure, and analytics.

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- **QAST Academy**



- **QAST Academy**

QAST Academy is dedicated to corporate social responsibility and focuses on enhancing workplace efficacy and productivity through programs focusing on soft skills. They empower professionals to create and disseminate tailored educational content, fostering community development and personal advancement. By equipping professionals with necessary tools, QAST not only contributes to personal advancement but also strengthens communities.

Explore our range of programs designed to elevate both individuals and organizations to new heights. Join us in shaping a brighter future, one skill at a time, with QAST Academy.

