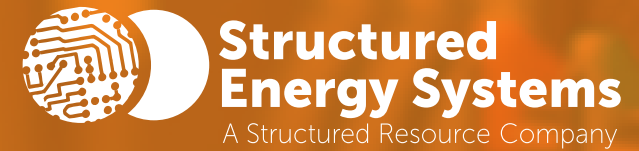


**System servers, Storage and
Network solutions.**

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WHO WE ARE

Who we are

Structured Energy Systems (SES) is a wholly owned Nigerian business-to-business services company dedicated to working with institutions to design, develop and deploy cost-effective infrastructure solutions. **Structured Energy Systems** specializes in the supply, maintenance and monitoring of ATMs and self-service terminals (i.e. iKiosks), deployment of system servers, storage and network equipment, provision of e-Banking security solutions and design, supply, installation and maintenance of back-up power solutions (UPS, Firefly™ and Stabilizers/AVRs) amongst other innovative business solutions. **SES** currently operates from Lagos, Nigeria and has stations located in strategic locations across Nigeria to meet its customer demands and requests. The company's local and international partnerships enable the company to offer best-in-class service to meet its customer's needs.

How we do it

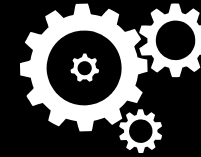
Our "triple D" approach...



Design



Develop



Deploy

What we do

ATM and kiosk solutions:

- Supply, installation, managing and maintenance of ATMs.
- Design, installation, monitoring and maintenance of self-service terminals (iKiosks™).
- Application/software development for kiosks.

Alternative power solutions:

- Inverter (firefly™),
- UPS,
- Stabilizers & AVRs,
- Battery services,
- Critical power systems.
- Energy audit and power clean up services.

eSecurity solutions:

- Anti-skimming devices,
- Pin shields and pin guards,
- CCTV systems & Access control systems.

Software & Application development

System server, Storage & Networking

Our solutions

ATM and Self-service solutions

Providing expert solutions for ATMs and self service terminals

Supply and installation of ATM terminals

Repair and refurbishment of ATM terminals

Preventative and curative maintenance on ATM terminals

Deployment of ATM security devices

Design and deployment of self-service terminals

Application development for self-service terminals

Full integration solutions for self-service terminals

Supply of power backup systems for ATMs and self-service terminals

Power solutions

Offering power and critical power services

Uninterruptible Power Supply

Power backup solutions

Stabilizers, UPS and Automatic Voltage Regulators

Batteries for inverters, stabilizers and other equipment

Power audit and power cleanup services

Alternative energy systems

Other power equipment

eSecurity solutions

Providing security solutions for ATMs, self-service terminals and other equipment

CCTV systems

Pin shields and pin guards

TMD Security CPK+ security pack

System Server, Storage and Network Solutions

Providing a wide range of sever, back-up networking and consolidation services

System Server

Storage

Networking

Consultancy Services

System server solutions from Dell Inc.

Recognizing that Dell is one of the market leader in the industry, SES has chosen to aligns its IT goals with Dell's mission to deliver the latest technology solutions to ensure organizations achieve their business goals. In Q1-2015, SES was able to secure a "preferred partnership" status with Dell Inc. to provide customers with the best-in-class storage, backup and networking solutions.

Dell System Server solutions

Dell provides a detailed product range of powerful and affordable network engines with areas of strength in scalability and reliability.

Deployment of servers

- **PowerEdge Tower Servers:** For businesses that require value, flexibility and a range of performance options.
- **Rack servers:** For businesses with multiple servers or limited square footage or storage space.
- **Blade servers:** for high density computing, featuring the latest high performance technologies.
- **Converged platforms:** System servers for dynamic workloads in small offices to large data centers, with just the right processing, storage and connectivity.

Server system management

SES works with clients to streamline data center operations through management of system hardware and virtualized infrastructure from a single console.

Dell Power Edge Server range



PowerEdge T430
Tower server



PowerEdge T630
Tower server



PowerEdge 12G
T420 Tower server



PowerEdge T20
Mini Tower server

Storage solutions from Dell Inc.

Dell Storage solutions

We work with Dell Inc. to provide clients with a wide range of solutions offering reliable back-up, protection and consolidation. These solutions help clients store, manage and protect data. With our vast knowledge of Dell's Storage portfolio, SES is able to deliver benefits of consolidated networked storage in a self-managing Internet Small Computer System Interface (iSCSI) storage area network that is affordable and easy to use. Our team of experts design optimal solutions that meets the performance and availability needs of virtualized environments in medium to large enterprises. The architected designs can also solve IT challenges by standardizing infrastructures, simplifying operations and automating processes.

Our Dell storage solutions include:

- **Network Attached Storage:** Dell's NAS enables file sharing and storage consolidation using iSCSI & Fibre Channel technology.
- **Direct-Attached Storage:** The Dell PowerVault MD3 storage arrays helps clients to cost-effectively address the challenges of data growth with versatile solutions that are optimized for smaller-scale storage consolidation, flexible virtualization projects and high business continuity.
- **Storage Area Network:** Dell's SAN is an uncomplicated and versatile virtualized iSCSI storage that grows with your business.
- **Backup and recovery:** Dell is a reliable partner with regards to reliable backup for large data and long-term archiving.

Network Attached Storage



Dell Fluid File System

Network solutions from Dell Inc.

Dell Network solutions

SES has developed the capacity to support a wide range of Dell Network solutions. The Dell Networking family offers a set of flexible, manageable and comprehensive fixed-port switch solutions, cost effective wireless network solutions and high performance chassis switch systems.

With the Dell Enterprise Network architecture, more and more customers are relying on Dell to provide very reliable and stable network. SES' networking solutions delivers efficient Gigabit Ethernet performance for real-time applications. Together with network architects at Dell, SES deploys solution such as distribution of switching, routing and management functionality between CPUs These provide resilience and scalability that businesses demand for high performance networks. These solutions include a built-in Terabit capacity to bring Gigabit connectivity to the desktop in the future without a forklift upgrade.

IT Optimization consultancy services

Our trained and experienced team of software engineers work with system architects from Dell and other international OEMs to better understand our client's IT framework and help identify overlap of system functions, detect system and security gaps and ascertain possible opportunities for IT improvement and increased efficiency.

Chassis Switches



A Dell Networking C-Series chassis-based switches



The journey so far...

ATM and kiosk solutions

Designed and deployed over 42 self-service terminals/interactive kiosks (iKiosks TM) for 4 clients.

Backup power systems

Supplied, installed and maintain over 900 telecoms grade backup power systems for clients across various sectors in Nigeria. On the average, each of these power systems provides 72 hours backup time for the powered equipment.

Electrical works

Conducted a complete overhaul of the electrical system (supply and installation of transformer, earthen, electrification) at a terminal in Apapa, Lagos. The value of the project was over \$1 million.

Conducted energy audit and subsequent electrical restructuring/clean up services at over 150 locations for several clients in Nigeria and Ghana.

Battery supply and management

Carried out a battery swap of over 2,560 batteries at power base stations for one of the three foremost mobile network providers in Nigeria.

Currently manage over 14,500 batteries at over 925 locations for 13 clients across various sectors.

ATM Security Solutions

Installed over 1,400 ATM anti-skimming devices as at March 2015.

UPS Systems

Manage over 310 UPS systems for a bank, a high profile hotel and a foremost Oil and Gas organization

Some of our clientele...



Our management team

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