



Company Profile

TECHNOLOGY
SOLUTION
PARTNER

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ABOUT US

ATX Technology is a leading technology solutions provider, providing strategy, implementation, business transformation and operational solutions for clients managing the business and technology complexities. We have grown out of the recognition that a successful business solution must combine technical expertise with keen business skills, Technology and the ability to provide a rapid and focused response.

BACKGROUND

Because of the varying demands placed on the market ATX Technology are specialists in the provision of turnkey Solutions.

ATX Technology offers its solutions in the following areas:

- ICT and IT Solutions.
- Telecommunications Solutions.
- Software Solutions.
- Power Solutions.



FOUNDER'S MESSAGE

In today's fast paced world of rapid technological change, the dynamism of markets and global change the 21st century business faces more challenges than ever before. Today's organisation must ensure that it can keep pace with this change and constantly re-align its existing and new technologies with its business systems and goals in order to maximise its competitive edge and drive service levels to its customers while at the same time decreasing the total cost of ownership.

These challenges mean that the best organisation must build relationships with partners who can consistently deliver quality products and high levels of service on time and within budget.
In the existing market climate in Africa most corporations pay a high premium for this and more often than not have to import expertise from overseas.

There is a constant change in the African telecommunications industry and it is accelerating: the high development years are yet to come and the amount of requirements is about to put more pressure on most telcos. The tech sector has seen huge changes which affect business, politics and social life. Here at ATX Technology we focus on delivering high quality telecommunication services accompanied with strategies, implementations, business transformation and operational solutions.



TRANSPARENCY.

OPPORTUNITY.

INTEGRITY.

LIQUIDITY.

The transformation of the entire Telecommunication industry is coming sooner and faster than foreseen.

It is pushing us to step outside of the traditional thinking and become innovation drivers.

In this dynamic environment, we are asked to consider long-term assets, and the decisions we make today will have a major impact on users, companies, and the economy in the future.

As we have seen, traditional analyses struggle with forecasting, since no amount of research can remove all the uncertainties affecting the successful outcome of a decision over decades.

Nevertheless, we make these decisions, and scenario design is one way to deal with the lack of certainty and look beyond the conventional planning horizon.





COMPANY MISSION

We work towards developing technology solutions that mirror our client's requirements and enhance their real world business processes. We shall do this by bringing together our own experience and that of our partners to deliver Software, ICT, telecom & Power Solutions to small, medium and large organizations. In so doing, we shall help companies enhance their performance by bringing down costs and driving profitability.

The first prerequisite of any digital transformation is to become "agile". For us this means that we need to consolidate existing legacy BSS/OSS and automate business processes to decrease operational costs. Our previous work on BSS transformation shows how consolidating a siloed BSS architecture enables CSPs to lower OPEX, shorten time to market, and enhance customer experience.

How we engage with our customers is no less important than managing costs.

We constantly strive to understand true customer needs, as only then will they be able to maintain the loyalty of demanding digital consumers.

VALUES AND BELIEFS

Our success has been as a result of operating in accordance to a set of core values and beliefs at the following levels:

Individuals

- Conduct business on the highest ethical basis: Life is too short to be ashamed of anything we do. Truth, honesty, and integrity in all of our dealings with any person will allow us to always be proud of our association with ATX Technology.
- Thrive on innovation: Invent new technologies, define new markets, and build products and supply services that are the best in their class.
- Treat people, as you would like to be treated.

Clients

- Deliver the best and most innovative products.
- License technology for each client on a fair and impartial basis.
- Maintain total confidentiality about our client's business.
- Provide the highest level of service.
- Deliver solutions that make our client's work easier, more efficient, and more cost effectively.

Employees

- Hire the best and treat them well.
- Provide a first-class working environment
- Offer the opportunity to participate in the ownership and economic success of the company

Shareholders

- Provide a superior return through growth and careful husbanding of our resources

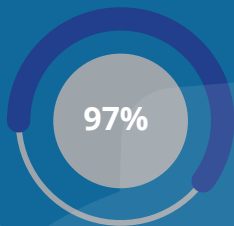
Community

- Support charitable causes and public-benefit programs.



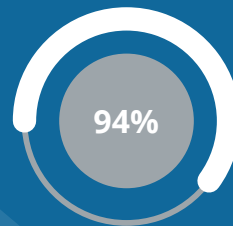
Consultancy services

Our long years of experience and staff team of highly specialised, skilled professionals gives us the possibility to offer consulting to our clients, taking the guesswork out of your systems.



Integration Services

We help our clients realize what creating a high-performance integration really means. What does it take to transform integration operations from a cost center to a source of competitive advantage.



Support Services

Our support gives no tolerance for downtime in an always-on dynamic world, and we keep everything inside and outside the data center running smooth for our clients.



ICT/IT Services

Improve IT tasks delivery, accelerate innovation and bring up exceptional performance with the power of a experience and knowledge-based IT services from ATX Technologies.

We use scenarios as plans about alternative future environments in which today's decisions could play out: they are neither predictions nor strategies. Each scenario models a specific projection of the future which differs considerably from the others. Scenario design emphasizes large-scale forces that might move the future of Telecommunications or ICT in different directions.

Our research is based on identified key drivers and processing algorithms and expert insights.

We offer services to our clients that penetrate and connect different aspects of people's lives by providing individual, tech-based services which are made to meet the requirements of their B2C and B2B customers. End-user products can leverage optimized network utilization with special deal propositions that depend on user location and use time and thus boost the profitability of their business. We also offer strong customer segmentation so our clients can offer perfect price differentiation and benefit from individual users' willingness to pay.



SOLUTIONS & SERVICES

We design our services to augment our client businesses with cognitive technologies. Our solutions and services enable companies that deal with ATX Technology to autonomously manage telecomms and IT operations and deliver high service quality themselves. We focus to provide an effective way so our clients can run their companies using high-end technology.

SOLUTIONS & SERVICES OVERVIEW

Consultancy services

ATX Technology consultants will counsel and advise clients on Technology & Telecom business strategies and objectives with our consulting process consists of five steps:

- Understanding the current situation.
- Defining the desired state.
- Analysing the gap between these steps.
- Recommending an action plan to move from the current state to the desired state.
- Partnering with the client and service provider to implement the action plan.

Our services cover planning, design & specification.



Consultancy



Integration



Integration Services

ATX Technology is able to offer integration services; this gives the client the choice of a full turnkey solution. This service predominately involves delivering the physical additions or changes to your infrastructure or devices or applications.

The integration services that we offer, individually or as a whole, are as follows:

- Project / Program Management.
- Staging / Warehousing.
- Site Survey/visits.
- Equipment and Software Procurement.
- Tendering, Procurement, Installation & Commissioning.
- Operational Readiness Testing.
- Service Level Acceptance Testing.
- Alignment of Technology and organizational objectives & end user objectives.
- Quality, Health & Safety, Project/Program Management.
- Process Review & Development, and Commercial and many others.
- Develop ICT/IT strategy and Policy by conducting Audits.

Our integration services will cover procurement, Implementation & Management.

WITH FOCUS ON **AFRICA**

Support Services

We can apply a wealth of knowledge and experience to problems that you may be encountering though trouble shooting.

We aim to help you in the long-term and to provide honest, reliable and valid assistance for your developing Technology requirements.

- Disaster recovery and security management plans.
 - Network Management and Administration.
 - Infrastructure Installation, Deployment and Maintenance.
 - Backup / Storage and Disaster Recovery.
 - Training.
-



ICT/IT Solutions & Services

Business Focus

- Our aim is to provide practical solutions that will do more
- than just solve immediate problems. Because we take a
- strategic view, we can help you to avoid the spiralling
- costs of “fire-fighting” and advise you on the best use of IT
- & Telecoms technologies so you can realize the full
- benefits and opportunities. The ongoing challenge is to
- increase employee productivity by delivering high performance,
- real-time ICT solutions whilst firmly
- controlling budgets.

ICT Audit

Our team performs network health checks and will advise on migration paths as well as providing full project management. We also offer a comprehensive range of Service Level Agreements and maintenance packages. The best solutions are well planned, well optimized, flexible and designed to grow with your organisation.

Our audit services look at the technologies, policies and procedures already in place, identifying the more obvious strengths and vulnerabilities.



ICT Infrastructure

ATX Technology is able to provide complete solutions for the ICT infrastructure from cabling to full connectivity. ATX Technology is vendor independent, therefore we are able to design and project manage the delivery of the best solutions for our customers requirement rather than the best fitting solution in a particular manufacturers product range.

All new installations include:

- Design
- Testing
- Pre-configuration
- Migration
- Implementation
- Commissioning
- Full documentation for device configuration and architecture as well as support.

While for existing solutions ATX Technology will offer in addition to the services above.

- Network Health Assessment.
- Network Performance Optimization.

ATX Technology will help your company with addressing where you are today, integrating new technology with legacy systems, but also to prepare for the future, making wider use of voice/ IP convergence, or support for video technologies.

Our solutions practice focuses on technology products and services in:

- Internet Access (Dial-up and Dedicated).
- Internet services including IP telephony, VOIP.
- Voice/PBX & Telephony Key systems.
- Data networking including DSL.
- Wireless voice/data communications. Including point to point links.
- LAN & WAN including switches / Hubs / Routers for ISDN, DDS, Gigabit Ethernet, 100BaseTX, 100BaseFX, ATM and Token Ring, Frame Relay, and Cable Topologies.
- Power Supply Systems & Lightning Protection.
- Structured Cabling including fiber and copper.

These solutions will help you provide: Inter-building LAN, voice and video connections, Broadband Internet connectivity, Internet service provision and CCTV.

Security and Firewalls

A service to help you to work out your short, medium and long term requirements for infrastructure, software & web security and devise a plan which will grow with you over time. Our objective is to deliver the correct security solution at the correct time. We can help you to find the most cost effective solution without compromising your data security or buying equipment that has to be scrapped at a later date. To help you keep your business secure, we provide a range of security solutions and services that cover

- Anti-virus systems.
- Authentication & user name management.
- Web & Intranet Content security.
- Firewalls, Email, Internet systems & Interconnectivity.
- Hacker prevention.
- Wireless Security.

Wireless & DSL Solutions

At ATX Technology we design and install your wireless communications networks. Our personnel are equipped to deliver a complete range of multipoint and point-to-point solutions for both indoor and campus wide area wireless networks for both Data and Voice extension applications. We also service ancillary equipment and provide maintenance services and emergency repairs.

- Our wireless solutions will cover:
- Wireless WAN & LAN networking
- Microwave licensed & unlicensed radio.
- Laser links.



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Our wireless solutions will cover:

- Wireless WAN & LAN networking
- Microwave licensed & unlicensed radio.
- Laser links.

Voice & Fax Systems

Our voice solutions are designed to ensure that you get maximum performance from your voice network. We integrate and support PBX and call centre systems that will reduce your telecommunications costs, simplify management and increase productivity.

ATX Technology delivers voice solutions that are good for your business now and will evolve with the growth and demands of your business and future converging technologies.

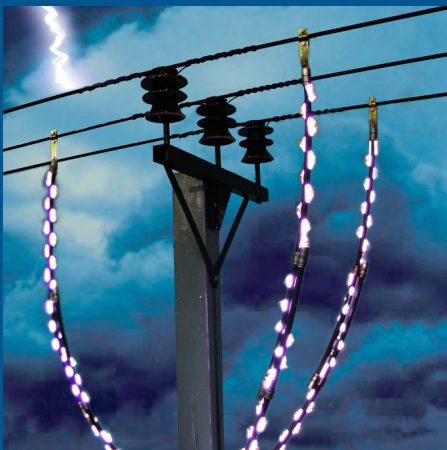
These include:

- Analog & Digital PBX.
- Voice over IP (VoIP) & IP telephony.
- Contact centres
- Unified messaging
- Multi-site voice networking
- Automated switchboard control (voice recognition) including Automatic call distribution (ACD) systems & Interactive voice response (IVR).

We also provide a comprehensive support and maintenance service.

Power Supply Systems

ATX Technology offers to its clients design and installation of power supply systems. During the design phase and realization, great care is taken to satisfy all requirements: high systems reliability, uninterrupted operation without supervision in all extreme climatic conditions and prevention of failures, which may appear as a result of effects of network over voltages.



Lightning Protection

ATX Technology uses globally accepted concepts of lightning and transient surge over voltages protection of telecommunication equipment and telecommunication sites.

Classical systems of lightning **protection**, as well as lightning rods with Early Streamers Emission (ESE) are used.

Convergence of Voice and Data Services

Combining your separate voice and data networks into one converged communication infrastructure can be successfully done today; but is it right for you? The first step is to determine:

- What are the benefits of converging your organization's voice and data networks?
- How can you migrate all of your applications to a converged environment and enhance your business' effectiveness?

Before jumping to solutions, ATX Technology consults with you to evaluate how converging voice and data will affect your business. We will assess:

- Your current communication infrastructure.
- Your business direction.
- Will such solutions better leverage existing and future technology investments to meet your goals?

Our voice and converged solutions practice focuses on technology products and services in:

- IP telephony.
- Integrating Voice solutions that will use legacy PBX technology at the central site.
- Data networking solutions.
- Wireless voice/data communications.



Telecomm Solutions & Services

Business Focus

Our aim is to provide practical solutions that will do more than just solve immediate problems. Because we take a strategic view, we can help you to avoid the spiralling costs of “fire-fighting” and advise you on the best use of IT & Telecomms technologies so you can realize the full benefits and opportunities. The ongoing challenge is to increase employee productivity by delivering highperformance, real-time solutions whilst firmly controlling budgets.

Our solutions practice focuses on technology products and services in:

- Telecomms Power Supply Systems & Equipment Lightning Protection.
- Copper Cable Links & Networks.
- Microwave Links & Networks.
- VSAT Links & Networks.
- Fiber links & Networks.

Telecomm Audit

Our team performs network health checks and will advise on migration paths as well as providing full project management. We also offer a range comprehensive range of Service Level Agreements and maintenance packages. The best solutions are well planned, well optimized, flexible and designed to grow with your organisation.

Our audit services looks at the technologies, policies and procedures already in place, identifying the more obvious strengths and vulnerabilities.



Telecomm Strategy

ATX Technology will help your company develop a suitable Telecomms strategy and road map that meets your specific business requirements. By understanding your business ATX Technology can provide the best and most cost effective solution. We can examine your current and proposed systems and provide the expertise to develop an accompanying ICT strategy. ATX Technology employs a balanced approach that combines a thorough understanding of business processes, with proven technology expertise.



Telecommunications Infrastructure

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All new installations include

- Program & Project management.
- Pre-configuration.
- Migration and system upgrade.
- Test and Commission network installations.
- Survey and Audit.
- Site Feasibility Surveys.
- Full documentation for device configuration and architecture.

While for existing solutions ATX Technology will offer in addition to the services above.

- Network Health Assessment.
- Network Performance Optimization.

The correct design and installation of your network of services, whether for voice or data use, will ensure that your users are capable of performing their day-to-day functions over the telephone or computer network.

Lightning Protection solutions

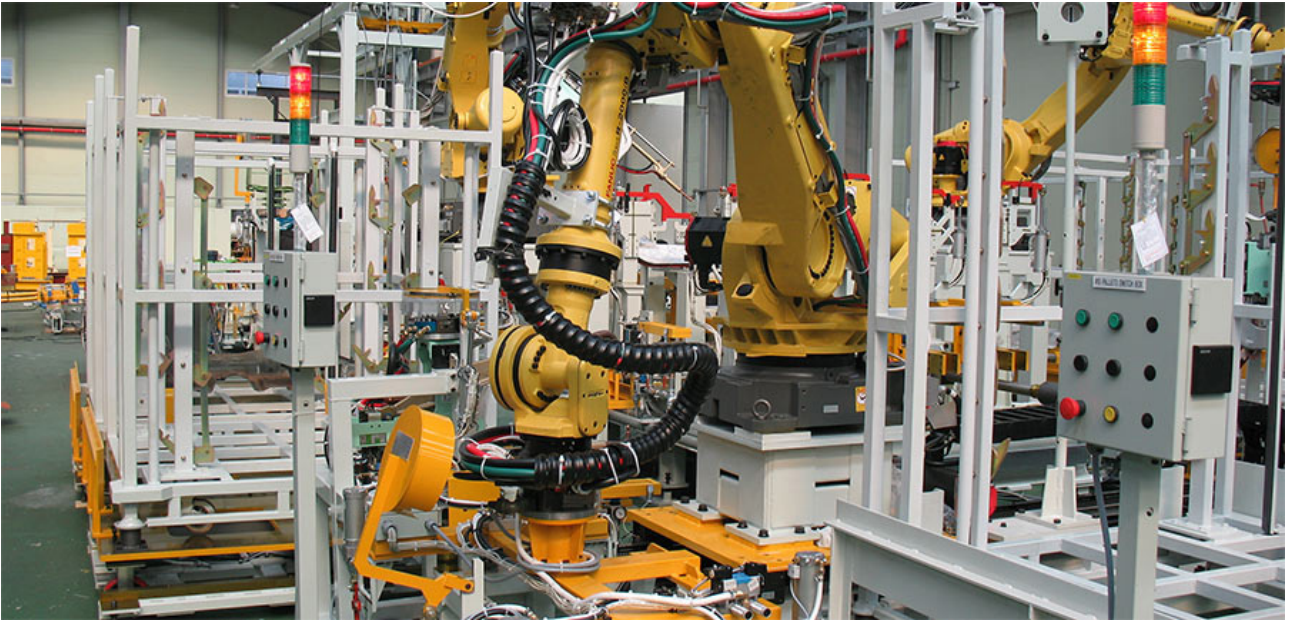
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Lightning, Surge and transient protection solutions including:

- Surge diverters
- Silicon Avalanche Diode diverters
- Multistage hardwire filters
- Pluggable power protection outlets
- Telephone and data line protection
- Signal line protection.
- Earthing & Grounding installation and design.





RF Engineering Services

Wireless solutions are exceedingly complex and leave little room for error. Misaligned antennas improperly matched or connected cables, poorly located components, or even specifying and ordering the wrong equipment are just some of the myriad ways in which your expensive capital investment can be rendered ineffective and worthless.

At ATX Technology, our teams of engineers are experts in the latest technologies and are fluent in the complexities of technology. We know how to turn your wireless solutions needs into a fully and properly functioning system. We understand the intricacies of system design, configuration, and vendor selection. We provided the wireless industry with dedicated and specialized teams of engineers to design, modify and upgrade communications networks. ATX Technology will offer RF Solutions for System Installation of your

- Microwave systems
- Satellite systems
- Mobile including CDMA & GSM or Broadband wireless Solutions.
- In-building wireless application.
- Our RF services will include:
- Program & Project Management
- RF Network Planning.
- Site build & Development including all Civils.
- Equipment selection, Installation & Testing.
- RF Network Optimization / Performance Evaluation.
- Reliability, Intermodulation and RF Propagation.
- Frequency Coordination.
- Interference Analysis.

Microwave Links/Networks

Timely deployment is mission critical. We analyze your proposed frequency band and evaluate path capacity requirements to create a comprehensive facilities plan.

We minimize leased line recurring costs, but we also maintain the capacity you need between communicating sites.

Our services include:

- We can create a comprehensive path design that includes radio, antenna, and transmission specifications,
- Spectrum licensing, Management & Monitoring assistance
- Requests for Proposal for microwave vendor selection.
- Equipment Procurement.
- Equipment Installation Testing & Commissioning.

Our Design teams create an outstanding link/network that features maximum flexibility and growth capacity—all at the lowest possible cost.

VSAT Links/Networks

ATX Technology will provide turnkey solutions including design, implementation, installation and management of your VSAT solutions to your communications requirements.

These services are provided in an individualized cost-effective solution and will include:

Project Engineering Analysis

- SSOG Testing.
- Rack elevation & wire diagrams.
- Power analysis.
- Transmit and receive levels diagrams.
- Installation of satellite earth stations.
- System integration testing & commissioning.

System Engineering

- Space segment capacity and availability management.
- Link budgets & Network sizing.
- Throughput analysis.
- VSAT Hardware evaluation & procurement.

Broad Band Wireless Solutions

ATX Technology will provide turnkey solutions including design, implementation, installation and management of your broadband solution. These services are provided in an individualized cost-effective solution and will include:

Wi-Fi Solutions: A specific geographic location in which an access point provides public wireless broadband network services to mobile visitors through a WLAN.

Wireless Links: If LAN extension, leased line or fiber links between locations are prohibitively expensive, why not look at a cheaper, higher speed wireless alternative?

Indoor WAN: Many organisations appreciate the benefits a wireless network can bring, but are unsure of using the technology because of security risks.



Fiber Optical Links/Networks

ATX Technology provides total connectivity solutions to customers who require a one-stop centre for their optical fiber solutions & infrastructures. We provide highly professional support for both large and small CCTV, LAN and MOD premises network projects. We can provide all the necessary functions on site, including:

- Civils.
- Cable installation & preparation.
- Splicing & termination.
- Testing & commissioning.
- Site maintenance and service support.

Our in-house team of highly skilled & experienced personnel can advise, recommend and procure products for virtually all parts of your fiber network infrastructure.

REFERENCES WHERE TELECOMS WORK HAS BEEN DONE

Aitel Site Rollout	Site Audit, Rectification of 51 sites formerly for Rwandatel	Rwanda	Completed
Rwanda Wibro and Metro Network	1000km Fiber blowing, 5 km thrust oring	Rwanda	Completed
TIGO	35 Wimax BSTs Installaions	Rwanda	Ongoing
MTN	80 Wimax BSTs Installaions	Rwanda	Completed
Huawie	Rwandatel BTS,MSAN, Transmission equipment installation 135 sites	Rwanda	Completed
Huawie	Rwandatel Site Audit, Verification, Drive Test,Tuning and Optimisation for 165 Sites	Rwanda	Completed
MTN Fiber Optics Project Long-Haul (Design, Trenching, Laying of HDPE Pipes, Backfilling, Compacting, Thrust Boring, Manholes, Fiber Blowing, Splicing and termination, Testing ,As Built Docs	Optical Fiber Network 300Km	Rwanda	Completed
GYPON	99 Sites (Both Indoor and out-Door Work)	Rwanda	Completed
WARID Telecom (Uganda)	Optical Fiber Ring for kampala	Uganda	Completed
TIGO- Rwanda	Site Acquistion (101 sites)	Rwanda	Completed
Huawei	Warid BTS Rollout (Frame contract)	Uganda	Completed
MTN Uganda	Structured Cabling and Fiber Installation	Uganda	Ongoing 2007 Jan-Dec
Uganda Revenue Authority	Earthing of equipment rooms (55 sites)	Uganda	Completed
MTN Rwanda	Survey, Planning and Optimisation for 160 Sites	Rwanda	2007 July-january
HITS Telecom	Vendor selection Consultancy TX and GSM	Uganda	2007 May
MTN Uganda	Frequency Plan	Uganda	2007 March
MTN Uganda	Wimax rollout	Uganda	2008-2007

Ericsson Uganda	RF Installation	Uganda	2007 June
Uganda Revenue Authority	Structured cabling	Uganda	2007 February
Huawei Technologies	Microwave Network Planning	D.R. Congo	2006 October
NUMAT	Structured cabling and PBX System	Uganda	2006 December
MTN Rwanda	Optimization	Rwanda	2006 December
MTN Rwanda	GSM Frequency planning and optimization	Rwanda	2006 December
MTN Uganda	Video Conferencing	Uganda	2006 August
Tigo Ghana	1800 rollout	Ghana	2005 Sep-Nov Jan-Mar 2006
MTN Uganda	Measurement equipment	Uganda	2005 Sep-Nov
MTN/ Areeba Guinea	Planning and Optimisation	Guinea	2005 Oct-Nov, Dec 2006, Mar 2007
MTN Swaziland	High level onsite support	Swaziland	2005 October
Alcatel	RF Installation	Uganda	2005 October
MTN Uganda	Fixed line CPE	Uganda	2005 May
MTN Swaziland	GSM Frequency planning and optimisation	Swaziland	2005 Aug-Sep
World Food Programme	Fiber optic installation and power	Rwanda	2005 August
Uganda Telecom	Site build	Uganda	2005 Apr-May
Ericsson	RF contractor microwave & BTS	Uganda	2005 Apr-Jun
MTN Uganda	Broadband	Uganda	2005 April-July
National Forestry Authority	VHF Network design consultancy	Uganda	2005 April



Celtel	Network Planning and site survey	Uganda	2005 April
Venture Communications	GSM Equipment RF Installation	Uganda	2004 September
UWESO	LAN installation	Uganda	2004 September
MTN Cameroon	Frequency plan & optimisation	Cameroon	2004 November
World Food Programme	Fiber optic installation	Uganda	2004 March



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