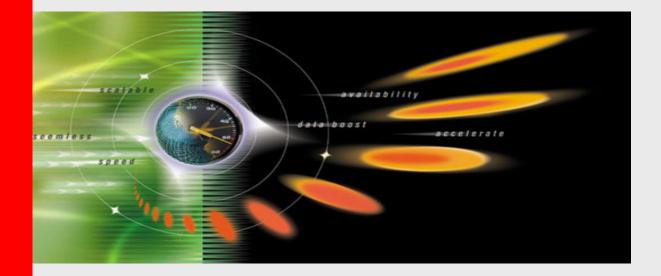


# assion

rofessionalism owered Service Solutions NET





**Powernet (Pvt) Ltd** #74, Temple Road, Maradana, Colombo 10 Tel: 011 4 736 151 | 011 4 736 171 Fax: 011 4 795 110 E-mail: powernet@sol.lk Web: www.powernet.lk

#### ABOUT US.



The world is no longer as we perceive it. It has evolved to become more personal and intimate. Information exchange and goods transaction between continents take place in minutes and seconds compared to hours and days. Consumers realize that technology has empowered them with the means to demand better and faster access to products, services and information. Powernet (Pvt) Ltd is poised for this challenge of the new world, from design to implementation, maintenance. This one stop solution approach is what distinguishes us as a leader in the infrastructure cabling market.



Powernet (Pvt) Ltd is a 100% Sri Lankan company based in Colombo with business focus to cover the entire country with an annual turn over of Rs.65,000,000.00. As an established organization with a permanent staff of 90 and contractual staff of 50 at our disposal, we forge ahead with dynamic plans to broaden our market presence. We aim to give our customers more products and provide the easiest and most integrated access to our broad based cabling solutions. Just as we are dynamically pursuing our ambition, your needs will always be looked after as we embrace this new optimism and grow together as one.

As a developing country Sri Lanka today is focused on a T enabled community to strike shoulders with the rest of the world. To support this endeavor we deliver a wide range of Products and Services to benefit the customer requirements.

#### **Data & Voice Network Systems**

- CAT5 / CAT6 Data Networks
- Structured Voice Networks
- LAN / WAN Implementations
- Wireless Solutions
- Fiber Optic Networks
- Network Switches & Routers

#### **Interior Design Solutions**

- Design of Interiors
- Manufacturing of Furniture
- Project Consultation

#### **Computer Systems**

- Servers, PC, Peripheral Supply
- Maintenance & Troubleshooting
- Anti Virus Solutions
- Software Development

#### **Fire Protection Systems**

- Fire Detection & Alarm Systems
- Fire Extinguishers
- Hydrant Fire Protection Systems
- FM200 Fire Suppression System

#### **General & UPS Power Systems**

- 1Ø & 3Ø wiring
- Design & Implement Power DB
- UPS Solutions
- Generator Solutions
- Residential & Industrial Wiring
- Lighting Systems

#### **Air Conditioners**

- Supply & Installation (In/Outdoor Units)
- Maintenance & Servicing
- Industrial & Domestic Installations

#### **Security Solutions**

- CCTV Installations
- · PA Systems
- Access Control Systems

#### **Surge & Lightning Protection**

- Lightning Protection
- · Earthing Solutions

#### **POWERNET SO FAR**



Last 10 years on, Powernet (Pvt) Ltd has grown from a small scale company to a medium scale prestigious company that has the capability of handling wide scale projects through out the country. Powernet through it's vision for the networks will design, supply & commission stand alone or connected infrastructures for a foray of businesses.



We believe in building long lasting and mutually beneficial relationships with our customers and partners. We understand satisfaction drives success. Our successful customer relationship management formula involves understanding customer needs, expectations and the problems they face. Leveraging this knowledge with world class engineered products and designs to fulfill our common goals.

#### WHY POWERNET?



Good rapport and teamwork form the backbone of Powernet's dedicated team. Our strength lies in the remarkable responsiveness in providing the most personalized services to our customers. Powernet's customers always come first and by attending to their needs, we are able to gain insight and the ability to react swiftly.

We operate a comprehensive computerized stock control system, which organizes the rapid movement of products and replenishes inventory in the shortest time. With such an efficient facility and banking services from reputed banks, we are committed to prompt delivery of products to our esteemed customers

#### Corporate Clientele`...

- Hemas Holdings (Pvt) Ltd
- Securities & Exchange Commission SL
- Capital Maharaja Organization Ltd
- National Savings Bank
- Bank of Ceylon
- RR Donnelley
- Huawei Technologies Lanka Ltd
- Ceylinco Insurance Ltd
- Alcatel International AG
- Sri Lanka Telecom Ltd
- Commercial Bank Ltd
- Finlays Ltd
- Ceylon Leather Products (Pvt) Ltd

#### Strategic Partners

In a changing world of increasing customer demands, we are consistently sourcing competitive and innovative products and services from around the world from reputed manufacturers and distributors.

- 3M Lanka (Pvt) Ltd
- Debug Computer Peripherals (Pvt) Ltd
- Eastlink (Pvt) Ltd
- DPIT
- ACL Cables
- OS Projects (Pvt) Ltd
- Metropolitan Group of Companies
- Rotax Ltd
- Richardson Projects

#### SUCCESS STORIES – DATA/VOICE/POWER



#### **CENTRAL BANK OF SRI LANKA**



Fiber Optic Based Switching Network System (Sub Contracted). The network implemented at the Central Bank of Sri Lanka is a Fiber Based Switching Network.

The network consists of 9 fiber segments with universal 4 pair fiber backbone joining the segments to the central server pool. The entire network consists of a total number of 900 points.

Equipment supplied is as follows for the implementation of this system.

Universal 8C fiber optic cable Fiber termination Kits Fiber Distribution kits SC fiber patch cables SC connectors and ceramic couplers 3Com 10/100/1000 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation





# SECURITIES & EXCHANGE COMMISSION SRI LANKA

UTP Based Switching Network System The network implemented at the 28<sup>th</sup> & 29<sup>th</sup> floors of World Trade Center offices of the S.E.C. The entire network consisting of 150 (+) points

Equipment supplied is as follows for the implementation of this system.

Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Voice Network Power Outlets WIFI Access Points Various hardware items for the installation



# SUCCESS STORIES – DATA/VOICE/POWER (contd)

# NATIONAL SAVINGS BANK

Installation & Maintenance of the Main Office as well as the NSB Branch network spread out through the territory of Sri Lanka.

Equipment supplied is as follows for the implementation of this system.

Fiber Optical Network UTP CAT5e/CAT6 Network Active Network Components Voice Network Power Outlets





#### **COMMERCIAL BANK PLC**

Installation & Maintenance of the Branch Office network.

Puttlam BranchPannala Branch

Equipment supplied is as follows for the implementation of this system.

UTP CAT5e/CAT6 Network Active Network Components Voice Network Power Outlets



#### **HEMAS HOSPITAL**

Installation of the Hospital network. The installation was subcontracted through Debug Computer Peripherals.

Equipment supplied is as follows for the implementation of this system.

Fiber Optic Network – 32 Links UTP CAT6 Network – 200(+) nodes Active Network Components Voice Network

#### SUCCESS STORIES – Interior Design/Furniture



#### SRI LANKA INSURANCE CORPORATION

Supply of Hardware & Accessories for branch outlet networks of SLIC.



Fabricate & Install Dry Wall Partitions, Glass Partitions, Suspended Ceilings, Windows, Doors and necessary state of the art furniture and accessories inclusive of Data/Power/Voice wiring works and completed systems.

SLIC Sites Completed - Interior

- 1. Maharagama 2. Ja- Ela
- 3. Dehiwala 4
  - 4. Mahiyanganaya
- 5. Bandarawela 6. Union Place (Call Centre)
- 7. Mulativu 8. Ratnapura

SLCI Sites Completed – Data/Power/Voice

1. Mulativu2. Chankani3. Thissamaharama4. Beliatta5. Avissawella6. Chavakachcheri7. Ambalanthota8. HQ (1<sup>st</sup>/13<sup>th</sup> /Mezzanine)



# DHL FACILITY – CARGO VILLAGE (Katunayake)

Construction of the infrastructure and re assembly of machinery required for operations inclusive of Interior works for partitioning, welfare facilities, Furniture supplies, Active & Passive components for the Data & Voice Networks.

A total Turn-Key solution.

#### HDFC BANK

Interior works at the Head Office and Construction of the infrastructure (Branch Office – Hyde Park) inclusive of Interior works for partitioning, welfare facilities, Furniture supplies, Active & Passive components for the Data & Voice Networks.

A total Turn-Key solution.







# SUCCESS STORIES – Fire Suppression & Fighting Solutions

#### COCA COLA Co. Sri Lanka



Coca-Cola Beverages Sri Lanka Ltd (CCBSL), located in Biyagama 18 km north-east of Colombo, is the only Coca-Cola bottling plant in Sri Lanka.

A total fire fighting and suppression system was installed inclusive of bottles, water lines and hose reels for the extent of the ware house and bottling plant situated at Biyagama.





# HYUNDAI ENGINEERING & CONSTRUCTION CO. (PVT) LTD

Supply, Maintenance & refilling of Water, CO2, Dry Powder, Foam fire extinguisher bottles.

#### 1. TAISEI CORPORATION 2. FCCISL 3. N&A ENGINEERING 4. RR DONNELY

The above sites have been supplied Fire Alarm systems, fire extinguishers (Water/Foam/Dry Powder)

The above installations are all certified by the Fire Department of Sri Lanka

	CORPORATE PROFILE.				
	Company Name	Powern	net (Pvt.) Limited		
		# 74, Te Marada Colomb			
	Warehouse Facility		Thelengapatha Road Wattala		
	Contact Number	011 4 7	011 4 736 151/ 171		
	Contact Fax	011 4 795 110			
	E-Mail	powernet@sol.lk			
	Bankers	Nations Trust Bank Hatton National Bank			
			Bank of Ceylon		
	Board Of Directors	Mr. M. A. W. P. Silva Mr. M. A. C. P. Silva Mr. S. A. Thambiah			
	Auditors	De Soysa & Co., Rotanda Gardens, Colombo 07			
	Our Group of companies :	Powern Power I Powern Powern Powern	Powernet Cabling Systems Powernet Pvt. Ltd Power Interior Pvt. Ltd Powernet Fire & Safety Power AC systems Powernet Computer systems Powerline (Pvt) Ltd		
	Customer Support Hotline Numbers				
	Network Cabling Support		0777 788 793		
	Power Cabling Support		0773 077 802		
	Voice Cabling Support		0777 895 122		
	Computer Systems Support		0773 849 659		
	Interior Division		0777 310 510		
	Fire Protection		0772 209 050		
	UPS Division		0773 292 664		

0777 412 330 / 0777 329 637

Marketing Division

Accounts Division

0777 399 953

# **CUSTOMER REFERENCE – Major Projects**

Company Name	Name & Designation	Contact
1. Bank of Ceylon (HO)	Mr. Jagath Kurundukumbura Assistant Director IT (Operation & Technical Support)	0777-582705
2. Seylan Bank	Mr. Kapila Ratnayake ADM - Maintenance	0772-032030
3. National Savings Bank	Mr. Amal Illesinghe IT Manager	0773-998035
4. NDB Bank PLC	Mr. Bandula Senevirathne Assistant Manager - Maintenance	0777-630610
5. Capital Maharaja Organization Ltd	Mr. Ranjan Jayasuriya Group - IT Manager	0772-613626
6. Capital Trust Securities	Mr. Thushan Wickramasinghe Director - CEO	0777-313456
7. Epic Technologies (Pvt) Ltd	Mr. T.M.P. Manjula Senior Vice President Finance & Administration	0772-716030
8. Central Engineering Consultancy Bureau	Mr. Anil Head of IT	0716-884788
9. HDFC Bank	Mrs. Niroopa Manager – Technical & Premises Maintenance	0777-876371
10. Hemas Pharmaceuticals	Mr. Sanjeewa Samaranayake Managing Director	0777-711671
11. Securities & Exchange Commission of Sri Lanka	Ms. Ranmini Jayatilake	0714-434243
12. WNS Global Services (Pvt) Ltd	Mr. Kumara Kuruppu Network Engineer	0773-596653

# CENTRAL BANK OF SRI LANKA

# Fiber Optic Based Switching Network System

The network implemented at the Central Bank of Sri Lanka is a Fiber Based Switching Network. The network consists of 9 fiber segments with universal 4 pair fiber backbone joining the segments to the central server pool. The entire network consists of a total number of 900 points.

Duration of 90 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project taking into consideration the volume of data and the distribution of switches and for security.

Equipment supplied is as follows for the implementation of this system.

Universal 8C fiber optic cable Fiber termination Kits Fiber Distribution kits SC fiber patch cables SC connectors and ceramic couplers Cisco 10/100/1000 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

# **GRANT MCCANN ERICKSON**

# Fiber Optic Based Switching Network System

The network implemented is a Fiber Based Switching Network. The network consists of 3 fiber segments with universal 4 pair fiber backbone joining the segments to the central server pool. The entire network consists of a total number of 150 points.

Duration of 21 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project taking into consideration the volume of data and the distribution of switches and for security.

Equipment supplied is as follows for the implementation of this system.

Universal 8C fiber optic cable Fiber termination Kits Fiber Distribution kits SC fiber patch cables SC connectors and ceramic couplers Allied Telesyn 10/100/1000 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

# ROTON VANDER FREIGHT (PVT) LIMITED

# Fiber Optic Based Switching Network System

The network implemented is a Fiber Based Switching Network. The network consists of 1 fiber segments with universal 4 pair fiber backbone joining the segments to the central server pool. The entire network consists of a total number of 180 points.

Duration of 40 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project taking into consideration the volume of data and the distribution of switches and for security.

Equipment supplied is as follows for the implementation of this system.

Universal 8C fiber optic cable Fiber termination Kits Fiber Distribution kits SC fiber patch cables SC connectors and ceramic couplers 3Com & Cisco 10/100/1000 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

# JAMES FINLAY & COMPANY LIMITED

# Fiber Optic Based Switching Wide Area Network System

The network implemented is a Fiber Based Switching Network linking the Colombo Office with the Welisara Warehouse by creating the Wide Area Network. The network consists of 5 fiber segments with universal & Armored Core 4 pair fiber backbone joining the segments to the central server pool. The entire network consists of a total number of 180 points.

Duration of 55 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project taking into consideration the volume of data and the distribution of switches and for security.

Equipment supplied is as follows for the implementation of this system.

Universal 8C fiber optic cable Fiber termination Kits Fiber Distribution kits SC fiber patch cables SC connectors and ceramic couplers Allied Telesyn, Ovis Link 10/100/1000 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

# DANKOTUWA PORCELAIN LIMITED

# Fiber Optic Based Switching Network System

The network implemented at Dankotuwa Porcelain is a network based on Switching technology. The network consists of 7 segments with armored core fiber backbone joining the segments.

The entire network consists of a total number of 60 points.

Duration of 30 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project due to the fact that the distances involved were beyond the certified STP/UTP cable limitations as well as the structure of the factory premises.

Equipment supplied is as follows for the implementation of this system.

Armored core direct buried 4C fiber optic cable Fiber media converters Fiber termination Kits Fiber Distribution kits ST fiber patch cables ST connectors and ceramic couplers Allied Telesyn 10/100 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

A proposal for a fiber segment covering an approximate additional length of 400M for their printing department is pending installation. This will increase the total segments to 8 and will boost the performance of the entire network and will give Dankotuwa Porcelain more flexibility in expanding their network further.

As the second phase of this project once the server is delivered the existing network will be connected to 3 other locations viz katunayake, Colombo and Ja-Ele to form the Dankotuwa Porcelain wide area network. This will enable them to operate the company wide mail network, various applications along with point-to-point voice communication.

# PAN LANKA NETWORKING (PVT) LIMITED

# Fiber Optic Based Switching Network System

The network implemented at Pan Lanka Networking who is a pioneer in the field of Internet, Mail and other ISP services is a network based on Manageable Switching technology.

The network consists of 2 segments covering 2 different floors with armored core fiber backbone joining the 2 floors.

The entire network consists of a total number of 55 points.

Duration of 25 days was spent for the completion and total implementation of this project. The project included structured voice cabling as well as UPS power cabling system for the above 55 locations.

The voice and the power cables were laid to structured and manageable cabling architecture for total control and manageability.

Equipment supplied is as follows for the implementation of this system.

Armored core direct buried 4C fiber optic cable Fiber media converters Fiber termination Kits Fiber Distribution kits ST fiber patch cables ST connectors and ceramic couplers Allied Telesyn 10/100 based switches - Manageable Data Patch Panels Voice Patch Panels Rack Mount Cabinets Floor Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Electrical Accessories for UPS power Various hardware items for the installation

# SINGWORLD LANKA (PVT) LIMITED

# UTP / STP Switching Network System

The network implemented at Singworld Lanka who is a Singaporean owned and operated garment factory with Sri Lanka's biggest embroidery plant is based on Switching technology. The network consists of 4 segments covering the entire factory.

The entire network consists of a total number of 62 points.

A total duration of approximately 40 days was spent for the completion and total implementation of this project.

The project included structured voice cabling as well as electrical power cabling system for the above 62 locations.

The voice and the power cables were laid to structured and manageable cabling architecture for total control and manageability.

Equipment supplied is as follows for the implementation of this system.

Allied Telesyn 10/100 based switches Data Patch Panels Voice Patch Panels Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Electrical Accessories for electrical power Various hardware items for the installation APC High end UPS Systems

Colombo Office

Apart form the above a complete system as per the above specifications was installed in their Colombo office too which covered data, voice and electrical cabling.

# SOUTH EASTERN UNIVERSITY OF SRI LNKA

### UTP Switching Network System

The network implemented at South Eastern University of Sri Lanka located in the Eastern Province is a vision of former Minister of Ports Mr. A. H. M. Ashroff.

The university is located at 3 different locations namely Addalachenai, Oluvil and Sammanthura. The entire network is based on the Switching technology and as a first step the network cabling was implemented at the Oluvil and Sammanthura units.

The network consists of 2 segments with a total number of 97 points. This initial stage will be expanded to accommodate the other units within the 2 locations and as a final step the 2 locations will be linked by a Microwave link with a total Bandwidth of 2Mbps.

This Microwave link will also carry the Internet Bandwidth and other communications between Oluvil and Sammanthura. A total duration of 4 days was spent for the completion and total implementation of this project.

Equipment supplied is as follows for the implementation of this system.

Planet 10/100 based switches Data Patch Panels Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Various hardware items for the installation

# DEPARTMENT OF TECHNICAL & TRAINING

#### UTP Switching Network System

The network cabling system was implemented at selected Technical Colleges around Sri Lanka and covers the following sites. Colombo, Galle, Matara, Ratnapura, Kegalle & Kandy.

The entire network systems as all 6 locations are based on the Switching technology.

The network consists of a single segment with a total number of 40 in Colombo & Ratnapura and 20 points at Galle, Matara, Kegalle and Kandy respectively. A total duration of 2-3 days was spent at each location for the completion and total implementation of this cabling project.

Equipment supplied is as follows for the implementation of this system.

10/100 based switches Data Patch Panels Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Various hardware items for the installation

# ASIAN ALLIANCE INSURANCE COMPANY LIMITED

# UTP Switching Network System

The network implemented at Asian Alliance Insurance Limited who is in the forefront of the Insurance business introducing Customized Insurance schemes is based on Switching technology.

The requirement of a new cabling system was required due to the fact that the entire organization was moved from their existing location at the World Trade Center to the new location at Valiant Towers located at Navam Mawatha.

We have given them a Guarantee of a smooth transition of the entire organization from one location to another without any hindrance to the present working system.

The network consists of 2 segments in 2 floors covering the entire organization. The entire network will consist of a total number of 125 data points.

A total duration of approximately 25 days was spent for the completion and total implementation of this project.

The project also included structured voice cabling as well as electrical power cabling system for the above 125 locations.

The voice and the power cables will be laid to structured and manageable cabling architecture for total control and manageability.

Equipment that will be supplied is as follows for the implementation of this system.

Planet 10/100 based switches Data Patch Panels Voice Patch Panels Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Electrical Accessories for electrical power Various hardware items for the installation

#### MINISTRY OF EDUCATION

#### UTP Switching Network System

The network implemented at the Ministry of Education of Sri Lanka is located at the Education Ministry Building at Battaramulla.

The entire network is based on the Switching technology.

The network consists of a single segment with a total number of 20 points added to the existing Department Network as part of the expansion program.

A total duration of 2 days was spent for the completion and total implementation of this project.

Equipment supplied is as follows for the implementation of this system.

10/100 based switches Data Patch Panels Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Various hardware items for the installation

# LAKE HOUSE PRINTERS

#### Fiber Optic Based Switching Network System

The network implemented at Lake House is a network based on switching technology. The network consists of 2 segments with armored core fiber backbone joining the segments. The entire network consists of a total number of 15 points.

Duration of 6 days was spent for the completion and total implementation of this project. Fiber cables were used extensively for this project due to the fact that the distances involved were beyond the certified STP/UTP cable limitations as well as the structure of the printing premises.

Equipment supplied is as follows for the implementation of this system.

Armored core direct buried 4C fiber optic cable Fiber media converters Fiber termination Kits Fiber Distribution kits ST fiber patch cables ST connectors and ceramic couplers 10/100 based switches Rack Mount Cabinets CAT 5e STP / UTP cables and CAT 5e accessories Various hardware items for the installation

# NATIONAL INSTITUTE OF LIBRARY & INFORMATION SCIENCES

# UTP Switching Network System

The network implemented at the National Library & Information Sciences is located at the Colombo University premises and is a World Bank Funded project.

Due to the satisfactory performance of professionally implementing the Data Cabling system, we were given the implementation of the electrical cabling to support all the computer systems that will be connected to the network. The electrical cabling is centralized and is installed using industry standard components with electrical certification.

The entire network is based on the Switching technology. The network consists of a single segment with a total number of 21 points. A total duration of 2 days was spent for the completion and total implementation of this project.

Equipment supplied is as follows for the implementation of this system.

10/100 based switches Data Patch Panels Rack Mount Cabinets CAT 5e UTP cables and CAT 5e accessories Various hardware items for the installation

# BAIRAHA FARMS LIMITED

Ja-Ela Supermarket Dehiwela Supermarket

#### STP Based Switching Network System

The network implemented at Bairaha Supermarkets Ja-Ela and Dehiwela who owns and operate a chain of supermarkets is based on switching technology. The networks consisted of 7 points each as 2 locations.

The cabling at the Dehiwela Supermarket was upgraded whist the supermarket was functioning and the entire system was upgraded and the locations of the checkouts and the back office was changed. This entire transition from the old look to a new look was completed in a single night and the supermarket resumed its operations the following morning.

The voice cabling too was implemented enabling them to link their existing Credit Card Terminals and Loyalty Card Terminals.

Equipment supplied is as follows for the implementation of this system. 3Com 10/100 based switches Rack Mount Cabinets CAT 5e STP cables and CAT 5e accessories Voice Cables