

Structured Cabling

ESL Capability Summary



Express
Systems
Limited

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Section 1:

Cabling Overview

Express Systems Ltd. is a leading provider of structured cabling solutions and is recognized as one of the best cabling providers in the Bangladesh.

We have a vast experience in the design and installation of structured cabling systems that have been tailored to meet mission critical environments, enabling today's needs to be met and future requirements to be implemented without additional costs being incurred. Our cabling business is a specialist division within Express Systems Ltd. providing consultancy and installation expertise in the structured cabling environment. We continue to develop our capabilities in cabling infrastructure through investment and innovation, and by working closely with leading structured cabling manufacturers in the world.

We are strategically positioned to be partner of choice. A high proportion of our employees are technically biased and delivery of our portfolio is driven by competence and accreditation. We have achieved the highest levels of accreditation for all the major cabling systems through the rigorous ongoing training and development of our people.

Our projects are backed with a professional service mandate, which ensures we are working to meet all the standards line TIA/ANSI/EIA. A dedicated project manager is assigned to our projects to oversee the entire installation and to offer a single point of contact for any communication between Express Systems Ltd. and the client. Our project management methodology is based on PRINCE2 principles.

As a managed services provider, we also maintain many cabling infrastructures, processing day-to-day incident and change requests. New technologies, such as the introduction of converged voice and data networks, can help push businesses far ahead of the competition - but only if an organization exploits them properly. One thing that could stand in the way of a company's network infrastructure is the very cable that carries the information on which your business depends. Understanding the existing infrastructure and constructing the most cost-effective and reliable solution is equally as important. Whether the consideration is to implement a new network infrastructure or to improve the efficiency of the existing setup, Express Systems Ltd. has a range of modular services that can be tailored to specific environments.

This guide is designed to provide an overview of Express Systems Ltd's Structured Cabling capabilities, including our service offerings, vendor accreditations and customer references.

Section 2:

Key Partners

1. Structured Cabling Solution:



Belden designs, manufactures, and markets cable, connectivity and networking products in markets including industrial automation, enterprise, transportation, infrastructure, and consumer electronics. They focus on market segments that require highly differentiated, high-performance products. We add value through design, engineering, and excellence in manufacturing, product quality, and customer service. For more please visit www.belden.com

2. KVM Solution:



ATEN International Co., Ltd. has specialized in connectivity and management solutions in information technology since its establishment in 1979, and is today considered the leading manufacturer of KVM switches worldwide. ATEN offers a broad range of solutions to meet the needs of consumers, small office/ home office (SOHO) users, small and medium sized business (SMB) customers, and global enterprises. For more please visit www.aten.com

Section 3:

Cabling Management Service

Express Systems Ltd. offers a complete management service that includes:

Design:

Express Systems Ltd. have accredited Auto CAD designers that work with the customer to determine the best fit' cabling solution. By taking into account strict cabling guidelines, the latest manufacturer's products and the customer's future business drivers, the system designer will combine all critical aspects to deliver a state-of-the-art infrastructure. The service below is provided by our designer:

1. Auto CAD design of Data port as per furniture layout.
2. Auto CAD design of Voice port as per furniture layout.
3. Server Room Rack layout.
4. Rack Patching layout.
5. Data/Voice cable route layout.

Cabling installation

Once the cabling design is agreed, a dedicated technical team of cabling engineers, under the guidance of a designated Express Systems Ltd. project manager, will perform the installation. The project manager acts as a single point of contact between the customer and Express Systems Ltd. ensuring that the project is delivered on time and within budget. The project manager will ensure that the implementation of a new infrastructure does not cause disruption to the core business and that the project is delivered within the timescales required and with the minimum of risk. All Express Systems Ltd. engineers hold the manufacturer product and installation training. All Project managers and technicians are aware about the structured cabling standards.

Testing

After installation and termination of the cable, patch panel and modules testing will perform by the certified Engineers. The below testing report provided by Testing Analyzer:

1. UTP horizontal and backbone cable testing.
2. Fiber backbone cable testing.
3. Test details report generation.

ESL offers a complete Data Center Solutions Include:

- A. Clean Power Solutions
- B. Cooling Solutions
- C. Environmental Monitoring Solutions
- D. Fire Fighting Solutions
- E. Security Solutions
- F. Raised Floor & Insulations
- G. Civil Works & Infrastructure Solutions

ESL offers a complete Data Center Infrastructure Solutions Include:

- A. Entrance / Telecommunications Room (TR)
- B. Zone Distribution Area (ZDA)
- C. Main Distribution Area (MDA) & Horizontal Distribution Area (HAD)
- D. Equipment Distribution Area (EDA)
- E. Storage Area Network
- F. Backbone Cabling & Horizontal Cabling
- G. Support Offices & Open Area

Post Installation support:

Even the best IT infrastructure needs to adapt to day-to-day connectivity changes. ESL can tailor bespoke service packages that will provide our clients with reliable cost-effective cabling support. The packages include:

- Off-site support with Service Level Agreements (SLAs).
- Full on-site managed service of voice and data infrastructure.

Project Management

ESL's project management service assists customers with the critical task of implementing business and technical change within their organizations. Taking responsibility for the whole project life cycle, ESL's project managers minimize the risk of implementing complex solutions, from initial project analysis and confirmation of business objectives, to deployment of appropriate resources and production of deliverables.



ESL Project Management architecture

Section 4:

Talented Workforce

An inferior structured cabling system can cause up to 70% of network downtime. Surely you wouldn't want that for your business.

This is why we help our customer upgrade your network for better connectivity at an affordable cost and get a robust cabling infrastructure to support your ever-increasing bandwidth usage.

Working closely with the world's leading providers of end-to-end connectivity solutions, we offer our customer structured cabling services that are solid, adhere to stringent quality controls and surpass industry standards. We have an effective and efficient sales and technical team to provide best support and deliver world standard design as well as installation of the products. Our teams are:

- Certified Sales team to coordinate with the customer and deliver the requirement accurate.
- Vendor Certified technical team(**Belden IBDN Network Installer**):
 1. Sajjad Ahmmad; CSV-D0650
 2. Md. Golam Quawser; CSV-D0645
 3. Mosharrof Hossain; CSV-D0648
 4. Md. Istiaque Hossain; CSV-D0646
- Certified Test Engineer (**Fluke Certified Test Technician-Fiber and Copper**)
 1. Sajjad Ahmmad; I.D: INR0212KOL019
 2. Md. Golam Quawser; I.D: INR0212KOL015
 3. Md. Istiaque Hossain; I.D: INR0212KOL016

Certification Partner



Section 5:

Our Valuable Customer

BANGLADESH ARMY



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Section 6:

Further Information

For more information on Computacenter's cabling capabilities please visit:

www.esl.com.bd/ESL/index.php/it-infrastructure

or e-mail us at:

sales@esl.com.bd