Overview

Atlas CSF is a member of CSF Group plc, listed on AIM, London Stock Exchange. Established in 1991, Atlas CSF specializes in computer data centre infrastructure facilities design, construction, monitoring, integration and maintenance. For over many years, the company’s primary focus has been the provision of a single source for turnkey solution of data center facilities in the Information and Communications Technology (ICT). Today, Atlas CSF continues to be a market leader and has the strength and proven track records to provide full turnkey solution for the entire infrastructural requirements of a Data Center (DC).

Our strength lies on our combination of competent personnel and technologically strong range of equipment to meet stringent data center specifications. Also, a key strength of Atlas CSF is its strong affiliations and partnerships with leading Data Center specialists and manufacturers of globally renowned brands.

Today, Atlas CSF is one of the industry’s leading companies providing valued-added solutions and services to over 350 organizations in the country. The company has the largest installed base to date in Malaysia.

Our Vision

To maintain our position as the industry’s leader in providing value added turnkey solution and quality services for data centers and to be the preferred business partner in computer site facilities.
Atlas CSF’s reputation as a leading computer site facilities organization stems from its proven ability to provide comprehensive and responsive services.

We provide a complete solution to support your entire facility, be it a mission critical IT centre, Telecommunication Exchange, Command Centres or a departmental facility.

Our capabilities include the following areas:-

♦ **Uninterruptible power supply systems**
♦ **Standby power generator and electrical services (HT/LV)**
♦ **Precision air conditioning systems**
♦ **Modular raised floor system**
♦ **Water Detection System**
♦ **Security and card access control system**
♦ **Fire protection and High Sensitive Smoke Detection (HSSD) systems**
♦ **Structured cabling and Network infrastructure support systems**
♦ **Remote environmental monitoring system (on-site and via remote dial-in)**
♦ **Comprehensive engineering services (consultancy, design, implementation and maintenance and review)**

Our many years of experience in the industry allow us to make it simpler for your organization, as we are your single source to provide a complete solution. From conceptualization and design, to project implementation, project management, testing & commissioning, post installation service and maintenance, Atlas CSF stands ready to be your primary interface and service provider.

All your needs for Computer Support Facilities
Atlas CSF is the Single Source!
**Our Business**

We have a team of experienced engineers and technical personnel who are capable of providing services such as data center consultancy, technical study and facilities review. We provide turnkey solution and design for new data centers, as well as reviewing existing data center site facilities. We also undertake audits on existing data center mechanical and electrical systems.

**Data Center Planning and Design**

Through our years of experience in data center business, we found many sizeable data centers, which were built with inadequate planning and scrutiny resulting in broad range of operating, maintenance and cost issues. In some severe cases, irrevocable problems often lead to eventual data center downtime. Downtime means interruption to mission critical and real time online operations, resulting in loss of revenue and customers’ confidence.

Our in-house team has the experience to help with optimization and planning, re-engineering through the application of the most appropriate technology designed for system redundancy, concurrent maintainability and scalability, be it small facilities to high density data centers.

**Data Center Cooling and Power Study**

Atlas CSF offers our valued customers comprehensive reviews on their existing environments. Our highly qualified and experienced engineers will spend time with our customers to perform sizing of their cooling and power requirement in data center according to their respective mid to long term planning. Our methodologies to load the customer’s facilities profile combines the latest and most advanced cooling and power design concepts to enhance the data center availability with value added cost optimization. In the end, what we offer is a peace of mind is in all our data center cooling and power studies and recommendations.

**Electrical System Design**

Our design team has the experience to design, review, and re-engineer various electrical systems in data centers that caters to different requirement. Electrical system in a data center should consider power usage requirement or envisage utilization, system redundancy for core competent, protection, flexibility and scalability for expansion, maintenance and cost effective operations.
**Data Center Construction and Project Management**

With a proven project management methodology, we have a team of experienced project management personnel that focuses on turnkey projects. Our large installed base throughout Malaysia proves our track record for projects; from inception, construction to completion, testing and commissioning.

Our experience in various industries has given us an added dimension in managing even the most complicated and difficult projects with timely project completion that minimizes project cost overrun.

**Infrastructure and Facilities Monitoring**

The data center is a constantly evolving entity that encompasses hundreds of facilities devices and generates hundred to thousand alerts and data daily. Daily health check needs to be carried out to ensure optimum performance to avoid any interruption or downtime. An efficient and robust facilities data monitoring allows you to prevent any disaster through alarms warning, pre-alerts, filtering and processing.

Atlas CSF Facilities Monitoring Services provide end to end solution from consultation, design, supply, integration, testing and commissioning for all facilities within the data center. With our user friendly monitoring solutions, we empower the customer to monitor the status of their facilities' system with just a click of the mouse.

**Data Center Relocation Services**

Atlas CSF understands that any potential disruption to critical business operations can severely damage the organizations’ reputation and business.

Atlas CSF Facilities Relocation Services can help customers to successfully relocate data center facilities with peace of mind. Our services include relocation planning, schedule planning, physical equipment relocation, temporary power, UPS and Air Conditioner setup complemented with relocation services project management.

**Data Center Facilities Services and Maintenance**

**Customer Service and Maintenance Support**

For every project undertaken, our association with customers does not end upon completion of the project. Rather, it marks the beginning of a long term partnership. Our service and maintenance support is built and managed with the objective of providing the highest level of service support on a long term basis. We are well aware that customer satisfaction is vital for our continued existence and success in the industry.

**Our Annual Maintenance Program**

All Atlas CSF customers are offered a comprehensive annual maintenance program to protect your investments in the system are protected and ensures system uptime is the highest. Preventive maintenance program will minimize disruption and mitigate expensive repair expense.

Only specially trained technical personnel familiar with the equipment and systems will perform maintenance services. Regular preventive and remedial maintenance undertaken are supported with detailed service documentation and history. This means our customers have auditable records of their asset, operations uptime and reliability.
Our Partners

Atlas CSF is the sole agent and business partner with principals of the following products:

Uninterruptible Power Supply (UPS)

Riello UPS is one of the leading European company for single and three phases UPS on the range from 400VA to 6400kVA. This system guarantees the continuous supply of power to computers, electromedical and industrial equipment and radar and telecommunications systems. Riello UPS provides value added services in the form of Power Quality – its extensive product range guarantees that the company has an energy solution for any critical application.

Precision Air Conditioning

STULZ precision air conditioning system is established since 1947. It offers the complete precision air conditioning range for mission critical applications. Using and further developing the trend-setting technologies, Stulz offers benefits in safety, cost reduction and environmental compatibility coupled with maximum reliability and precision.

Environmental Monitoring System

Darwell Integrated Technology Inc. (DiT)’s initial efforts to fill a specific market need – water detection monitoring for computer data centers – led to a complete line of water detection products, from rugged point water detectors to complete monitoring systems that pinpoint leak locations. DiT’s success prompted their customers to request monitoring capabilities in other areas. Many of the features and methodologies developed by DiT have become default industry standards today.

Storage System Batteryless Energy

Active Power provides the most energy-efficient critical power solutions and UPS systems in the world. Their inherently reliable and economically green flywheel-based solutions ensure business continuity in the event of power disturbances. Their expert power system engineers and worldwide service and support teams will make sure that customer’s business has the power to perform.
Switch Mode Rectifiers & Inverters

With its high reliability and economic efficiency, Delta Electronics is a leading provider of telecom power systems for the telecommunications industry. Delta provides 50A to 10,000A power system capacity to meet different applications. The company's telecom power systems are widely used in wireless and fixed line environments and are applicable to Network Equipment, xDSL, Broadband Wireless (WLL and LMDS), Cellular/PCS, and Fiber applications.

Water Mist Fire Protection

Founded in 1985, Marioff is a leading provider of water mist fire protection on land and sea. HI-FOG® is the trade name of the high-pressure water mist fire protection system developed, manufactured and delivered by Marioff. HI-FOG® controls, suppresses and extinguishes fires by discharging a fine water mist at high velocity. The water mist is made by the system when it activates: it pushes the plain, potable water at high pressure through specially designed, patented HI-FOG® sprinkler and spray heads. The water mist is discharged at high velocity by high-pressure pumps or accumulators.

Every product we carry have been selected for high performance, reliability, support, maintenance and competitive cost of ownership
Our Experiences

With 20 years of industry experience on data center facilities, Atlas CSF proudly boasts of the largest installed base in Malaysia that covers various industries. Our experience comes from over 300 data centers installation, involving over thousand of UPS, hundreds of Precision Air Conditioners, electrical system and cooling system design, fire protection system, facilities monitoring amongst others.

### Industries Served

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Details of Some Major Projects Undertaken

Main Production Centre - Bukit Kewangan
- 20,000 sq ft High End, N+1 Data Centre
- Dual Incoming Power Feed
- Electrical Services
- 2x2x400kVA UPS systems
- Environmental Cooling
- Environmental Monitoring
- General Air-Conditioning
- Fire Suppression
- Security Access, Intrusion and Alarm

Back Up Production DC - Bkt Damansara
- 10,000 sq ft High End Data Centre
- HT and LV Electrical Services
- Back Up Power and UPS System
- Environmental Cooling
- Fire Suppression
- Security Access, Intrusion and Alarm

CSF Computer Exchange - Cyberjaya
- 65,000 sq ft facility
- Dual Incoming Power Feed
- HT & LV Electrical Services
- Dual Back Up power generation
- Multiple UPS systems
- Environmental Cooling
- Fire Suppression Systems
- Data Cabling and Management
- Multiple MDF facilities
- Security Access, Intrusion and Alarm
- Exceptional Floor Loading

Telekom Malaysia Network Operations Centre - Cyberjaya
Provision of Data Centre Services for the following infrastructure components :-
- Low Voltage Electrical services
- UPS systems
- Precision Air Conditioning Systems
- Intelligent Building System (Monitoring & Control)
CX2 Computer Exchange
Cyberjaya - Malaysia
- 300,000 sq ft Purpose built data centre
- facility with 150,000 sq ft of data centre floor
- Dual Incoming Power Feed for 26MVA power capacity
- HT & LV Electrical Services including 24MVA backup power generation
- Multiple UPS systems of 16MVA N+1 capacity
- Air cooled and Chilled Water Environmental Cooling
- Fire Suppression Systems
- Data Cabling and Management with Multiple MDF facilities and data risers
- Multiple MDF facilities
- Security Access, Intrusion and Alarm

We are the complete turnkey data center facilities solutions
Our People and Organization

Atlas CSF’s management team and its competent supporting staff have extensive knowledge and experience in the computer site facilities industry. With their own area of specialization and skills in design, construction, implementation, integration and service & maintenance support of data center facilities, we aim to provide the best solution and service to all our customers.

Our key strengths are
- Largest experienced and specially trained technical service team
- Wide geographical coverage in Malaysia
- Proven track record with a large installed base

Our Service Commitment

Atlas CSF is committed to the following:
- 2 hours After-Sales-Service Response Time in Central Region (within Klang Valley)
- 24 x 7 round the clock service and maintenance support (24-hour Hotline)
- Repair centres in Northern Region (Penang) and Southern Region (Johor Bahru)
- Large spare parts inventory
- Factory trained and competent service engineers and technicians

Annual Maintenance Program

All our customers are offered a comprehensive annual maintenance program to ensure that their investment in the systems installed are protected and system uptime is the highest. A continuous program of preventive maintenance minimizes disruption while expensive repair expenses are mitigated.

Only specially trained technical personnel familiar with the equipment and systems will perform maintenance services. Regular preventive and remedial maintenance undertaken are supported with detailed service documentation and history. This means our customers have auditable records of their asset, and operations uptime and reliability.

24 hours and 7 days a week, our service team work round the clock to ensure that our customers’ mission critical equipment are well maintained to achieve high availability of their data centre
Contact Us

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