

Choice Case Study

Datacenter Design & Build for Sona Somic Lemforder Components Ltd.

Inside This Case Study

Project Preface	1
Project Background	1
Competition	1
Work Scope	2
Challenges	2
Choice Solutions Role	2
Back End Support	2
Benefits	2
About Choice Solutions	3

Design and build the datacenter

Project Preface

Choice Solutions Limited won the project to provide datacenter design & build services for Sona Somic Lemforder Components Ltd.

About the Client

Sona Somic Lemforder Components Ltd. was initially set up as Sona Somic Components Limited in the year 1995, as a joint venture with Somic Ishikawa of Japan. In 1998, Lemforder Metallwaren picked up an equity stake in this company and the company became Sona Somic Lemforder Components Limited (SSL). This tie-up has expanded the footprint of this company as it can now cater to both the Japanese as well as the European markets.

SSL is a leading manufacturer of ball joints for steering systems and suspension components in India. Its products are used in passenger cars, jeeps and light commercial vehicles. The company's major customers are Sona Koyo Steering, Maruti -Suzuki, Honda, Toyota and M&M.

The company uses a combination of the latest technology along with a well-planned, well-executed production system to manufacture products of the highest quality for existing customers as well as to target other major entrants in the automotive sector.

Project Background

The services of Choice Solutions Limited were required to design, execute, project manage, test & commission the non-IT infrastructure for Sona Somic Lemforder Components Ltd. The datacenter includes precision air conditioning, LT cabling & panels, and server room structure work (civil). The project was completed within a 2 month deadline.

Competition

Choice Solutions won the contract despite being in competition with a premier IT services company like Emerson, Wipro, Progressive, & Dell.

*Provide project work
services in a live
environment*

Work Scope

The project work also apart from setting up of the data center equipment also includes provisioning for precision air conditioners, smoke detection system, electrical solutions, fire suppression system, fire alarm system, rodent repellent system, water leak detection system, CCTV as well as bio-metrics access control systems and network switches. The size of the data center is around 300 sq. ft.

Choice Solutions after winning the order for data center solutions, UPS solutions, and network switches immediately started work on execution of the project.

Challenges

Choice Solutions Ltd. was required to execute the entire project work within a live IT environment with specified timeframe available for cut-over. The challenge was that all the datacenter work had to take place only in the night, because in day time the factory was abuzz with activity leaving no room for time and space management to set up a datacenter.

Choice Solutions Role

Recognizing the challenges, Choice Solutions Ltd. deployed its senior resources to closely track the work progress as also connect with labour forces to get buy-in for the time constraints - which made working in a live environment that much more risky.

*Provide backend support for
the systems deployed*

The project goal for Choice Solutions Ltd. is to provide after sales backend support for the datacenter project for a period of one year.

Back End Support

Choice Solutions has to provide one year warranty on precision air conditioning, civil work, CCTV, electrification, UPS, rodent repellent system, network systems, rodent repellent system, water leak detection system, biometric access control devices and fire alarm system, and fire suppression system.

Benefits

1. Despite space constraints, the existing server setup was upgraded to a proper datacenter in a live environment.
2. For the customer benefit proper barricading of spaces, restricted people movement, prominent signage and close tracking was provided for the area around the datacenter.

Benefits to Choice Solutions Ltd.

Choice Solutions Limited intends to build on the relationship and get more deals from the customer in future.

About Choice Solutions

Established in 1991 Choice Solutions Ltd. is a leading IT and Facilities solutions provider. Choice Solutions Ltd. business comprises of Six different practices, namely

IMS

- Desktop, Server, Network, Storage, Support, OS, Assets, Apps, Non IT
- Hardware - A-Add, M-Modify, I-Install, C-Change, R-Repair
- Assets, Security, Software Distribution, Upgrades

Networking

- Packaged Services Monitoring & Management
- Products, Security, Design, Deploy, Maintain
- Auditing & Compliance, SOC

Datacenter

- DC Audit, Monitor & Manage, Training
- Assess, Design, Built, Deploy, Disaster Recovery

Consulting

- Business Consulting, CIO & Technology Services, Physical Security, Power Devices, IT Consulting
- DC Consulting, ERP, CRM & Custom Apps

Cloud Computing

- Cold Site – Backup, Disaster Recovery
- Hot Site – HaaS, Software, Manage
- Public Cloud, Private Cloud, Hybrid Cloud
- CaaS, License Software, IaaS
- Disaster Recovery

Power

- Power Audit, Equipment Management
- Physical Security, Power Devices
- Power Saving Devices
- Design & Audit
- Renewable Energy Products