



Patni Computer Systems

(All India Implementation)

“12,800 employees, 900 Doors - One System”

Headquartered at Mumbai, Patni Computer Systems is one of the software giants in India providing IT, Product Engineering, Infrastructure Management & BPO Services to some of the top companies of the world.

“Security is extremely important to our owners, and it acts as a strong selling point for our customers who buy our services. It is vital that the quality of the access control system should be beyond reproach and that the service provider is just as reliable”, said R Neelakantan, Senior Manager Systems (Corporate MIS).

“The customers we serve demand very stringent secure environments. Security audits are very exhaustive and costs can be huge if you lose on these grounds. So to know that our buildings are closed, secure, and inaccessible, is extremely important.”

The search for a solution

“We knew we needed a highly scalable and easy to customize

access control system because of our growing needs. With two large campuses under development, Patni is a fast growing network so we wanted something very scalable.”

Through much of their own research, Patni ultimately selected Solus. “We have evaluated many regional and multinational products over the past few years and we chose their product because of its multiple server capability, its IP ready controllers and scalability,” said R Neelakantan.

CA-Satyam ASP Pvt. Ltd. (C&S) is a 50:50 joint venture between Computer Associates International, Inc, USA and Satyam Computer Services, India. The company has been formed to cater to the burgeoning software services market in India and was perfectly suited to assist the needs of Patni with their centralized Card Management System (CMS).

The system as it is today

With the help of C&S, Patni has now fully completed the second

phase of expanding its access control and security system.

“Our main buildings are now fully integrated into the system and the real thing we like about the Solus System is that it provides all critical reports for audits in no time inspite of handling very large data. Any required feature is being implemented with centralized firmware updation to the controller. Most importantly, the product itself is proving to be very robust and technical support has been excellent, too. That’s really important with something as complex as managing our critical server system.” continued R Neelakantan.

Satisfaction on all accounts

“Patni is very pleased with its current system and services. We have a maintenance agreement with C&S, and they are treating us very well. If we run into something that either we don’t have the technical ability, the time or the technicians to spend on, we just contact CA-SATYAM and they come right out.

Generally there's been no need of any significant repairs. The Solus Systems won't break. I would recommend Solus to other Companies having similar needs," concludes R Neelakantan.

Challenges & Solutions

Challenge 1: Patni needed to secure and grant access to authorized users to their different ODCs in their facilities.

Solution: Card Management System GUI is been customized with easy to use card personalization screen and has been integrated with access rights.

Challenge 2: Patni has population of 6000 existing Mifare cards.

Solution: HID R10 readers have been used with 34 bit CSN Authentication.

Challenge 3: Access Data base required connection with ARMS (Centralized Payroll Integration).

Solution: ODBC links have been deployed.

Specifications:

Card holders:	12,800 (expanding to 25,000 by next two years)
Doors:	450
Readers:	900
Controllers	250
Locations	13
System Admin Clients	13
Server	SACS (Solus Access Control System) Enterprise-MS-SQL ■



Solus Software & Systems Pvt. Ltd. is an Indian-owned company specialising in the development, manufacturing & marketing of electronic access control, time attendance and other enterprise systems.

Manufacturing a range of controllers, built in readers and access control management software, Solus is responsive to the market needs and its products incorporate innovative features, which make it a preferred supplier among various consultants, system integrators and end users.

Extensive installation experience has meant that the products are robust and ideally suited to a wide range of access control needs.

Strategic alliances with leading international system component manufacturers enable Solus to incorporate new features into their solutions as soon as they are released by these manufacturers.

Products

Key products include Enterprise software like Solus Access Control System, Solus Attendance Management Systems, Solus Visitor Management System Software, Networked Intelligent Controllers DAC 04 / 02 with IP communication, Reader cum controller Time Prox & Time Smart units, and other access control associated products.

All the products are in-house designed and manufactured. Ongoing enhancement and development is a constant part of solus operations to ensure that the equipments meet the emerging needs of the market.

Solus's engineering expertise is constantly on the lookout for applications and opportunities to exploit the design and manufacturing capabilities of the company.

Solus has sold thousands of controllers as networked systems through a nation wide network of system integrators.

Their marketing is based on providing sales, technical support & training to System Integrators – not just on product but providing an overview of the clients' needs to ensure the systems installed fetches best ROI to the end user.

Solus has always aimed to provide competent, well-informed technical support for its product range and this continues to be a key to its success. ■