



Microsoft Dynamics Customer Solution Case Study



Thermal Power Company Improves Payroll Management with Integrated System

Overview

Country or Region: India
Industry: Utilities

Customer Profile

Tenughat Vidyut Nigam Limited is a Government of Jharkhand undertaking and a thermal power plant, generating electricity in the state of Jharkhand.

Business Situation

The company was using a Microsoft DOS based bespoke applications to manage payroll, which was old and unreliable. Tenughat Vidyut Nigam Limited (TVNL) wanted to upgrade its payroll application to improve HR management such as salary pay outs and leave calculation.

Solution

With the help of Microsoft Certified Partner, Samadhan, TVNL customized Microsoft® Dynamics™ NAV 4.0 solution to consolidate data and automate processes.

Benefits

- Provides seamless integration
- Enhances stability and security
- Increases productivity by saving manpower to manage the operations
- Improves speed and access to information
- Enhances business decision making

“With Microsoft® Dynamics™ NAV 4.0, Tenughat Vidyut Nigam has a reliable platform for growth by consolidating and integrating business processes.”

Mr. Ramawtar Sahu, DGM , Tenughat Vidyut Nigam Limited

Tenughat Vidyut Nigam Limited (TVNL), specializing in thermal power projects, has a generation capacity of 2x210Megawatts and revenues of INR 40 Crore in 2007–08. It was operating a Microsoft DOS based payroll application, which did not effectively manage all HR operations e.g. salary, leave management, arrear payment, and statutory reports. To improve and simplify these operations, the organization decided to upgrade. Working with Microsoft Certified Partner, Samadhan, TVNL implemented Microsoft® Dynamics™ NAV 4.0 to centrally manage all financial and payroll related functions. The new solution ensures data is easily accessible, up-to-date, and accurate, and has streamlined operations across the business.



“Earlier managers used to consolidate data from various systems in order to obtain the required information. This was a time consuming process. Now, Microsoft® Dynamics™ NAV 4.0 has greatly reduced the amount of time it takes to produce the information and has helped us to get up-to-the minute data”

Mr, N. K. Jha, Deputy Director of Accounts, TTPS

Situation

Tenughat Vidyut Nigam Limited (TVNL) was established by the Govt. of Bihar in 1987, to generate thermal power at a station at Lalpania in the district of Bokaro. In the bifurcation of the state of Bihar, TVNL has been handed over to the state of Jharkhand. TVNL is now identified as the prime source of electricity in the State of Jharkhand.

TVNL is currently the one of the two thermal power generation companies in the state and is virtually responsible for providing electricity to the entire state. It is currently planning to increase its generation capacity.

The plant (referred to as TTPS – Tenughat Thermal Power Station) is situated at Lalpania in Hazaribagh district, about 90 KM from Ranchi. The head quarter is situated at Ranchi.

Despite being one of the three power generation companies in Jharkhand, TVNL, a government run organization had very basic IT infrastructure which consisted of stand-alone computers set up in the early 1990s. This archaic legacy computing infrastructure hindered business efficiency; and was unable to provide any information or reports about different aspects of the business. The solution consisted of separate programs on Microsoft DOS based applications.

This was hampering TVNL’s progress and the company decided to look for a single solution that would replace all these systems with a single integrated, online solution. It needed a solution that would better support its current state and its anticipated growth.

Solution

After careful examination, TVNL decided to implement a Microsoft® Dynamics™ NAV 4.0 solution. The company turned to Microsoft Certified Partner, Samadhan to lead the

deployment. “We needed a secure and contemporary solution which could be extended later to include all functions of the company,” says Mr. Ramawtar Sahu, TVNL. “And Microsoft® Dynamics™ NAV 4.0 fulfilled all our present and future needs along with providing all the necessary information about business operations.”

Microsoft Dynamics NAV 4.0 features a built-in development environment in addition to a flexible architecture, facilitating an easy customization and extension of core capabilities. It delivers value by increasing process efficiency, enhancing workforce productivity, cutting operating costs, boosting employee and customer satisfaction and enabling better and faster decisions.

The solution went live in 2007 and was implemented at Tenughat Thermal Power Station (TTPS) Lalpania and TVNL head quarters at Ranchi. It has been customized according to the specific needs of the personnel management needs of state electricity board.

The standard payroll add on on Navision had to undergo major customizations to include statutory requirements, income tax management of the employees, productivity linked incentive scheme, arrear management and leave salary management.

“We now have a centrally managed solution that spans the entire company,” says Mr. N. K. Jha. “Information is now available 24 hours a day to all employees and management.”

Benefits

The solution provides a fully integrated business management solution that automates and integrates financial information, payroll, and functionality to manage safety statistics. Salaries, leave

management and income tax computation, are some of the key requirements of TVNL, which have been addressed by the solution.

With the implementation of Microsoft® Dynamics™ NAV 4.0, TVNL has streamlined its financial and payroll operations and has enjoyed significant efficiency gains across the business.

Provides Seamless Integration

"Microsoft® Dynamics™ NAV 4.0 provides us with total integration on almost every aspect of our payroll aspect of the business," says Mr. N. K. Jha, DDA, TTPS. "It's stable, fast, and if necessary, can be customized quickly and easily by our IT staff." As a fully integrated solution, Dynamics NAV 4.0 has enabled TVNL to control all business processes through one application. This has eliminated redundant processes and dramatically reduced the company's paper trail.

Enhances Stability and Security

The sophistication and scalability of the Microsoft solution helps TVNL to keep pace with the company's growth plans and industry norms and standards. "We now have a secure, integrated business solution which provides reliable information to make critical business decisions," says Mr. Ramawtar Sahu, DGM TVNL.

Increases Productivity

Productivity levels have significantly increased at TVNL. This is directly attributable to the new solution, which has automated many processes and streamlined operations. "With relevant information available to employees, we are seeing increased efficiency, effectiveness, and responsiveness," says Mr. N. K. Jha. "We estimate that we have two man years of saving percent as employees are able to collaborate more effectively and contribute efficiently towards their job due to access to

the right information at the right time."

Improves Speed and Access to Information

TVNL is very happy with Microsoft® Dynamics™ NAV 4.0, particularly in the speed of obtaining information. The biggest benefit we have is that Microsoft® Dynamics™ NAV 4.0 provides consistent, accurate information we can analyze," says Mr. N. K. Jha DDA TTPS.

"Earlier managers used to consolidate data from various systems in order to obtain the required report. This was a time consuming process for example month-end closure could take up to 15 days," says Mr. N. K. Jha, DDA TTPS. "Now, with Dynamics NAV the time taken for such tasks has been reduced dramatically, Access to up-to-the minute data ensures accurate planning and decision making."

Enhances Business Decision Making

The new solution provides TVNL with better visibility of its business. It can now extract the right information at the right time to make informed business decisions. Knowing the data is consistent and accurate across the company makes it easier to manage the business more effectively. "

For More Information

For more information about Microsoft products and services, call the Microsoft Sales Information Center at (800) 426-9400. In Canada, call the Microsoft Canada Information Centre at (877) 568-2495. Customers who are deaf or hard-of-hearing can reach Microsoft text telephone (TTY/TDD) services at (800) 892-5234 in the United States or (905) 568-9641 in Canada. Outside the 50 United States and Canada, please contact your local Microsoft subsidiary. To access information using the World Wide Web, go to: www.microsoft.com

For more information about Tenughat Vidyut Nigam Ltd. products and services, call (91) (06544) 225413 or visit the Web site at: www.tvnlonline.com

For more information about Samadhan products and services, call 92040 66507 or visit the Web site at: www.samadhanindia.com

About Samadhan

Samadhan is a Microsoft Certified Partner specializing in ERP implementation, and has expertise in providing state-of-the-art and innovative infotech solutions for educational institutions, power plants, hospitals and similar industries.

An Information Technology Consulting Company set-up in 1989 in India, it is a leading solution provider in Eastern India.

Microsoft Dynamics

Microsoft Dynamics is a line of integrated, adaptable business management solutions that enables you and your people to make business decisions with greater confidence. Microsoft Dynamics works like familiar Microsoft software such as Microsoft Office, which means less of a learning curve for your people, so they can get up and running quickly and focus on what's most important. And because it is from Microsoft, it easily works with the systems that your company already has implemented. By automating and streamlining financial, customer relationship, and supply chain processes, Microsoft Dynamics brings together people, processes, and technologies, increasing the productivity and effectiveness of your business, and helping you drive business success.

For more information about Microsoft Dynamics, go to: www.microsoft.com/dynamics

Software and Services

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