

Migrating Lotus Notes Applications to .NET Platform

Formed in 1968, JTC Corporation (JTC) is the lead agency in Singapore to plan, promote and develop a dynamic industrial landscape, in support of the nation's economic advancement. Currently, the Corporation has under its management many developments including four wafer fab parks, an advanced display park, two business parks, a chemicals hub at Jurong Island, biomedical parks in Tuas as well as logistics hubs for aerospace, chemical and general warehousing industries.

JTC also plays a catalytic role in introducing leading-edge real estate solutions -- such as specialised research facilities and underground caverns -- to anchor important activities critical to the growth of the economy. It is the master developer for one-north at Buona Vista - a 200-hectare development for research and entrepreneurial activities. With a focus on knowledge-intensive activities in the biomedical, infocomms and media industries, one-north is a niche environment for innovation and creativity.

Business Challenges

From as early as 1998, JTC was using Lotus Notes Domino as the platform for their self service applications (Leave, Claims and Training System). These enterprise applications also facilitated approvers to manage their staff requests.

JTC required a Solutions provider who could design, develop, implement and support web-enabled self service applications on the .NET Platform which was the technology of choice. The applications were to interface with the existing ERP system. JTC was also looking to define an Enterprise Workflow Platform.

Solution

Self Service Applications

(Leave, Claims and Training Systems)

Emerio revamped the existing Lotus Notes Domino based solution into a robust scalable .NET based solution. The solution developed by Emerio catered to the following:

- Automation of over 30 business processes
- Deployment of 'K2.Blackpearl Workflow' for workflow handling
- Enhanced Employee Self Service Workflows for Leave Application, Claims, Training Application
- Multiple actors and stream based workflows
- Process re-engineering, refinement and fine tuning
- Highly available and scalable enterprise application
- Seamless Interface with the existing ERP (ECC 6.0)
- Customized to automate and manage business processes and enable users to collaborate
- Intuitive user interface

Salient Features of the solution

- Save as draft and edit/delete draft
- **Interactive messages** to aid in creation of the request
- Add recommending officer(s), approving officer(s) and covering Officer(s)
- Interface with ECC 6.0 to **manage business objects and initiate process**
- Automated capturing of **audit trails**
- **Managing and tracking** workflow process
- Recommend/Re-route/Approve/Reject/Cancel workflow
- Send out **email notifications** to users involved in workflow process
- **Highlighting** all newly submitted request to the approver
- Interactive **advance search engine**
- **Data exporting** to Microsoft Excel
- **User friendly reports** to facilitate business analysis
- Integration to Active Directory and customised user information repository

Service Excellence. Delivered.

Combining Emerio's expertise with the .NET rich client interface web-based solution, a fully functional and web based application was created to cater to the needs of JTC:

- The parameter driven and easily modifiable application architecture helped in increasing the value of the application and also catering to future changes.
- The overall solution resulted in improved process efficiency, simplified internal collaboration, as well as better and faster integration to external systems.



About Emerio

Emerio, an NTT Communications company, is a leading technology services and outsourcing company in South East Asia with extensive industry knowledge, proven methodologies, global resources and a successful track record. Emerio aligns to clients' needs to help them achieve consistent quality and operational efficiency. The company offers cutting edge solutions in the areas of Application Services, Infrastructure Services and Business Process Outsourcing. Emerio operates out of 12 countries with delivery centers in Singapore, Indonesia, Malaysia, Thailand and Philippines.

Our Value Propositions

People

- **Hand picked teams** for project execution
- Good **domain knowledge**
- **Certified** project managers and team
- **100% delivery commitment** by management

Process

- **Proven** project management **methodology**
- Focus in **improving business processes**
- Independent **QA and documentation** teams
- **ITIL approach** to service delivery

Technology

- Cutting edge **latest technology**
- **Configurable** systems to adapt to change
- Application Lifecycle Management using **best practices & tools**
- **Right shored** technology tools / centre of excellence
- Strong **partnerships** with technology vendors

Self Services Applications

Course Name	Course Code	Learning and Development	Course Start Date	Course End Date	Enrollment	Confirmation	Review	Review Date	Status
ITIL v3 Core Learning and Development	ES21 Core Learning and Development	2014-2017	15/05/2017						Open
Project Management	Proj Corporate Project	2014-2017	15/05/2017						Pending AD
ITIL v3 Foundation	Proj Corporate Project	2014-2017	15/05/2017						Open
ITIL v3 Intermediate for Service Design	Proj Corporate Project	2014-2017	15/05/2017						Pending AD
ITIL v3 Intermediate for Service Transition	Proj Corporate Project	2014-2017	15/05/2017						Pending AD
ITIL v3 Intermediate for Service Operation	Proj Corporate Project	2014-2017	15/05/2017						Pending AD
ITIL v3 Foundation for ITIL v3	Proj Corporate Project	2014-2017	15/05/2017						Pending AD

Employee Name	Leave Type	Leave Start Date	Leave End Date	Status	Actions
John Doe	Annual Leave	15/05/2017	20/05/2017	Pending AD	View
Jane Smith	Sick Leave	21/05/2017	22/05/2017	Pending AD	View
Mike Johnson	Annual Leave	23/05/2017	24/05/2017	Pending AD	View
Sarah Lee	Annual Leave	25/05/2017	26/05/2017	Pending AD	View
David Kim	Annual Leave	27/05/2017	28/05/2017	Pending AD	View
Emily White	Annual Leave	29/05/2017	30/05/2017	Pending AD	View
Chris Brown	Annual Leave	31/05/2017	01/06/2017	Pending AD	View
Alex Green	Annual Leave	02/06/2017	03/06/2017	Pending AD	View
Mia Black	Annual Leave	04/06/2017	05/06/2017	Pending AD	View
Noah Grey	Annual Leave	06/06/2017	07/06/2017	Pending AD	View
Olivia Blue	Annual Leave	08/06/2017	09/06/2017	Pending AD	View
Liam Purple	Annual Leave	10/06/2017	11/06/2017	Pending AD	View
Isabella Yellow	Annual Leave	12/06/2017	13/06/2017	Pending AD	View
Ethan Orange	Annual Leave	14/06/2017	15/06/2017	Pending AD	View
Ava Pink	Annual Leave	16/06/2017	17/06/2017	Pending AD	View
Lucas Green	Annual Leave	18/06/2017	19/06/2017	Pending AD	View
Mila Blue	Annual Leave	20/06/2017	21/06/2017	Pending AD	View
James Purple	Annual Leave	22/06/2017	23/06/2017	Pending AD	View
Charlotte Yellow	Annual Leave	24/06/2017	25/06/2017	Pending AD	View
Benjamin Orange	Annual Leave	26/06/2017	27/06/2017	Pending AD	View
Abigail Pink	Annual Leave	28/06/2017	29/06/2017	Pending AD	View
Elijah Green	Annual Leave	30/06/2017	01/07/2017	Pending AD	View
Madison Blue	Annual Leave	02/07/2017	03/07/2017	Pending AD	View
Isaac Purple	Annual Leave	04/07/2017	05/07/2017	Pending AD	View
Grace Yellow	Annual Leave	06/07/2017	07/07/2017	Pending AD	View
Henry Orange	Annual Leave	08/07/2017	09/07/2017	Pending AD	View
Abigail Pink	Annual Leave	10/07/2017	11/07/2017	Pending AD	View
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Isaac Purple	Annual Leave	28/07/2017	29/07/2017	Pending AD	View
Grace Yellow	Annual Leave	30/07/2017	31/07/2017	Pending AD	View
Henry Orange	Annual Leave	01/08/2017	02/08/2017	Pending AD	View
Abigail Pink	Annual Leave	03/08/2017	04/08/2017	Pending AD	View
Ethan Green	Annual Leave	05/08/2017	06/08/2017	Pending AD	View
Mia Blue	Annual Leave	07/08/2017	08/08/2017	Pending AD	View
James Purple	Annual Leave	09/08/2017	10/08/2017	Pending AD	View
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Grace Yellow	Annual Leave	03/11/2017	04/11/2017	Pending AD	View
Henry Orange	Annual Leave	05/11/2017	06/11/2017	Pending AD	View
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Ethan Green	Annual Leave	27/12/2017	28/12/2017	Pending AD	View
Mia Blue	Annual Leave	29/12/2017	30/12/2017	Pending AD	View
James Purple	Annual Leave	31/12/2017	01/01/2018	Pending AD	View

Alliances and Partners



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