

Central Authorization Hub

Beginning your SOA journey

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

JTC had numerous in-house applications with its own security module for roles, rights, and user management. This has led to many challenges in maintaining and tracking the security profile and information access for each user.

JTC needed a solution provider who could provide a centralized authorization hub with a decoupled security architecture aligned towards SOA to efficiently manage the authorization profiles for each application within JTC.

Solution

Central Authorization Hub

Emerio developed the Common Security Module (CSM) into a robust scalable .NET based central security hub that could cater to JTC's authorization needs for all future applications. The solution developed by Emerio catered to the following:

- Centralized Authorization Control aligned towards SOA
- Management of application roles, rights and user access
- Ease of maintenance, tracking and auditing of access control
- Provision of SOA services to .Net & Java applications
- Built to scale horizontally and vertically
- Interface with Active Directory or customised user information repository
- Intuitive Web Interface

Salient Features of the solution

- **Centralized User Authorization** for all applications
- **One click** activation and deactivation of users
- Configure **cut-off date** for user group or user
- Security classification and automated capturing of **audit trails** to safeguard information access
- **Bulk upload feature** for roles, rights, and users information
- Interactive **Advanced Search Engine**
- **Export data** to Microsoft Excel
- **User friendly reports** to facilitate usage analysis
- **Active Directory/LDAP** based authentication
- **Email notification** to key users on rights and roles
- **Validation** of User accounts

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 user access 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.

Why Emerio

- Strong Capabilities
- Comprehensive reach in Asia
- 24 x 7 support / shared support
- Service Quality
- Committed Professionals
- Trust

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

Administrator Management

User Name	User ID	Department	Status	Actions
admin	1	IT	Active	[Icons]
admin	2	IT	Active	[Icons]

User Management

User Name	User ID	Department	Status	Actions
admin	1	IT	Active	[Icons]
admin	2	IT	Active	[Icons]

Alliances and Partners



- Gold Server Platform
- Gold Desktop
- Gold Digital Marketing
- Gold Mobility
- Silver Web Development
- Silver Portals and Collaboration

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