

SUCCESS STORY

e-Government



CORENET e-SUBMISSION SYSTEM

Building and Construction Authority, Singapore

PRODUCTIVITY THROUGH COLLABORATION

The Building & Construction Authority is a statutory board under the auspices of Singapore's Ministry of National Development. It was formed primarily to develop and regulate Singapore's building and construction industry.

CORENET (Construction and Real Estate NETWORK) is a major IT initiative under Singapore's IT 2000 Masterplan driven by the ministry as well as BCA. The aim of CORENET is to re-engineer and streamline the fragmented work processes in the construction industry to achieve a quantum leap in quality, productivity and turnaround time. The CORENET project is unique because of its extensive collaboration with other public and private organisations.

The **e-Submission System** is one of the key application areas identified in the CORENET framework.

In June 2000, the BCA awarded Nova the coveted opportunity to build and implement the CORENET e-Submission System, a virtual, one-stop, round-the-clock, e-service center which facilitates electronic submissions, processing and approval of building project applications in a secure environment using Internet as the delivery medium.

"Online approval = \$160 million annual savings" *The New Paper,*
20 November 2001

THE CORENET e-SUBMISSION SYSTEM

The CORENET e-Submission System (eSS) is a Nation-Wide G2B and G2G framework built using Nova's PAVO platform solution. eSS facilitates electronic submission and approval of all applications made to Government Agencies throughout the property development life cycle, which includes planning approvals, building approvals, structural approvals, temporary occupation permit (TOP), certificate of statutory completion (CSC) and fire safety certificate (FSC). In addition, eSS also allows the public to apply for various types of permits and licenses online.

eSS brings about significant manpower and cost savings to both the industry and government agencies. Without eSS, the applicant needed to prepare different sets of physical documents and submit them to the relevant agencies manually within office hours. With eSS, the applicant can prepare and submit the same set of electronic documents to the relevant agencies in the comfort of their home or office at any hours.

PWD Consultants, one of the larger consultancy firms in Singapore, said that they expect savings amounts to tens of thousands of dollars annually with electronic submissions.





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CORENET PARTICIPANTS

Together with the Building and Construction Authority, the other participating agencies for eSS make it one of the largest and most ambitious Govt-Govt (G2G) projects in Singapore, and they include the:

- Info-Communications Development Authority of Singapore - government agency for policy formulation, regulation and development of the IT and telecommunications sectors
- Urban Redevelopment Authority - the national planning Authority
- Fire Safety & Shelter Bureau – Part of Singapore Civil Defence Force (SCDF) and is the local authority in fire safety and shelter regulations
- JTC Corporation - JTC Corporation (JTC) is statutory board that provides industrial and business facilities that suit all types of manufacturing and related operations.
- Ministry of the Environment – set-up to provide citizens with a quality living environment and a high standard of public health, protected against the spread of communicable diseases
- Land Transport Authority - a statutory board under the Ministry of Transport, that spearheads land transport developments in Singapore
- National Parks Board - responsible for providing and

managing quality parks, greenery and related services in the country

- Housing & Development Board - a statutory board of the Ministry of National Development, HDB's mission is to plan and develop the national public housing programme
- Public Utilities Board – the national water authority
- Maritime & Port Authority – a statutory board set-up to cater to the needs of the port and shipping industries
- Defence Science & Technology Agency - authority for defence science and technology that provide solutions for the Singapore Armed Forces
- Singapore Land Authority – the national land authority that provides a broad framework to implement the government's land policies

"It will facilitate office management and help track the processing of projects. The firms will be able to access the system anytime and anywhere." Mr. Wong Wai Ching, the Building and Construction Authority's (BCA) Director of Building Plans and Management

INDUSTRY SUPPORT

Key industry bodies also participated intensively in the requirement study and design of eSS. The participating industry bodies includes the:

- Association of Consulting Engineers
- Institution of Engineers Singapore
- Real Estate Developers' Association of Singapore
- Singapore Contractors Association Ltd
- Singapore Institute of Architects
- Singapore Institute of Surveyors and Valuers.

