BCA

Member Web Site

for ISO-certified firms



Topic to cover

- Introduction
- Benefits / Features
- How to access & Demo

Introduction

- ~~Correspondence through letters and faxes. Changes on comp~~ On - Line (name, address, ~~MR~~, Tel no etc)
- ~~No direct access to useful information~~

Introduction

- Direct interaction with BCA company's database
- Access to on-line information

Introduction

- Web based application
- Login Access
- Only able to access to specific company data
- Email Notification

Benefits & Features

Benefits & Features

4 main sections:-

- Guide
- Update
- Upgrade
- Audit

Guide

- Implementation Guides on 9000, 14000 & 18000
- Internal Audit Guide
- Notify on seminar/workshop, quality related news

Update

- Company profile -- address, telephone no, MR, Email address etc
- Add and update project listing and details

Update

- View payment details -- fee paid and fee payable

Upgrade

- Apply for renewal audit
- Apply for Extension of scope
- Apply for certification -- 9000, 14000 & 18000

Audit

- View audit schedule
- Direct contact with Auditor/officer In Charge
- Feedback on BCA auditor

Others

- General feedback and contact us
- Password and Logoff

Benefits to Company

- Direct updates on company's information
- Direct access to useful information

Under Development

Under Development

- Audit reports -- Pre Audit , System Audit, Renewal Audit
- Audit findings - Nonconformity, Observation etc

Under Development

- Submit CAR/PAR
- Notify audit schedule/date
- Good practices guide on 9000, 14000 & 18000

How to access

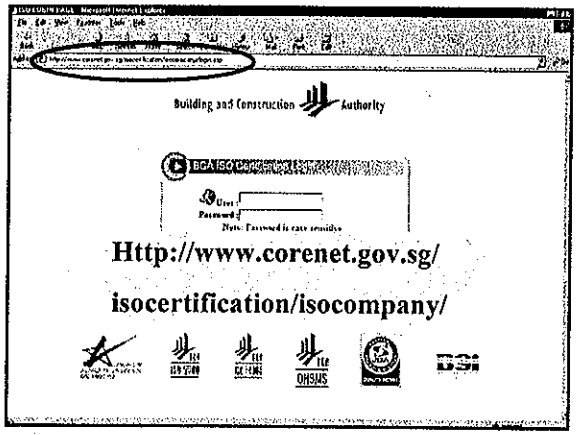
How to access

BCA Main Web Site

or

Corenet Web Site





Website

Demo

e-Project Solutions Pte Ltd

e-QMS

Applicable after ISO Certification

Help to maintain:

- Accuracy of QMS documents
- Suitability, Adequacy and Effectiveness of QMS documents

e-QMS

The Problem with Paper

(and what it does to your QMS)

- Tedious Document Control
- Human Error (e.g. Revision Discrepancies)
- Slow or inadequate Review, Update, Approval (adequately prepared documents)
- Manual Document Distribution (may result in unintended use)
- Complicated and slow manual process to updating documents (e.g. Disincentive to constantly revise documents and adds to backlog of documents)

e-QMS

Applicable for a Management System

Aid staff participation in the Management System:

- Track and identify documents
- Filter obsolete documents from unintended use
- Availability at usage locations
- Routing control of documents for review/approval

e-QMS

What is e-QMS?

Framework of processes that aims to fulfill core ISO standard requirements for any Management System

- Documentation System
- Audit System
- Customer Feedback
- Preventive and Corrective Action Request System
- Management Review

e-QMS

Where e-QMS can help

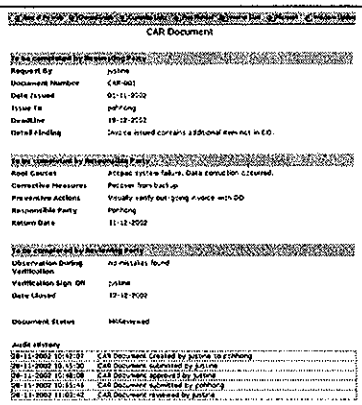
- Unified interface
  Easy to search for documents
- Document numbers
  Auto numbering of Revision #
- Document Routing
  Avoid losing hardcopy documents
- Document listings
  Keep up to date document registers with zero effort

e-QMS

Benefits

- Do away with Copy Holders
  - One document location accessible by all
  - Users work from centrally held version
  - Save time hunting for the right procedure
- Traceability & accountability
  - Document progress can be seen by management
  - Allow comments on document by action party
- System Notifications
  - Alert for Due Dates
  - Alert for Audits

CAR Form


CAR Document

e-QMS

e-QMS Coverage

- QDS (Quality Documentation System)
- IQA (Internal Quality Audit)
- CAR (Corrective Action Request)
- PAR (Preventive Action Request)
- MR (Management Review)
- CC (Customer Complaint)
- CIP (Continual Improvement Plan (In-progress))

e-QMS

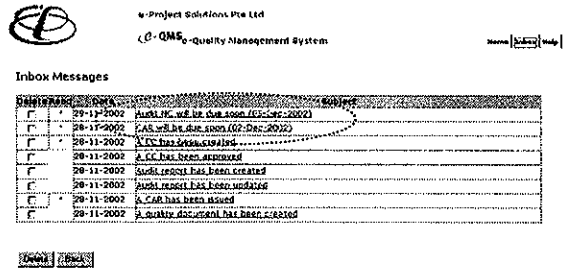
e-Quality Management System

Supports & able to maintain multiple manuals:-

- ISO 9001 : 2000
- ISO 14001
- OHSAS 18001
- QS 9000
- HACCP

Option to adopt Integrated Management System

Due Date Reminder


e-Project Solutions Pte Ltd

e-QMS e-Quality Management System

Inbox Messages

e-QMS

How can I start?

- Sign up for our Act NOW! program and save on 3 months subscription
- Return the response slip at our demo station and register for our in-house seminar

CORENET e-Information

Presented By:

Connie Look
Building and Construction Authority
on
29 November 2002
at
BCA ISO Briefing



Agenda

- Introduction to CORENET
- Introduction to CORENET e-Information System
- Who is Involved
- Why e-Information System
- Situation Without e-Info
- Current Situation with e-Info
- On-Line Key Functions
- On-Line Supporting Functions
- Demonstration

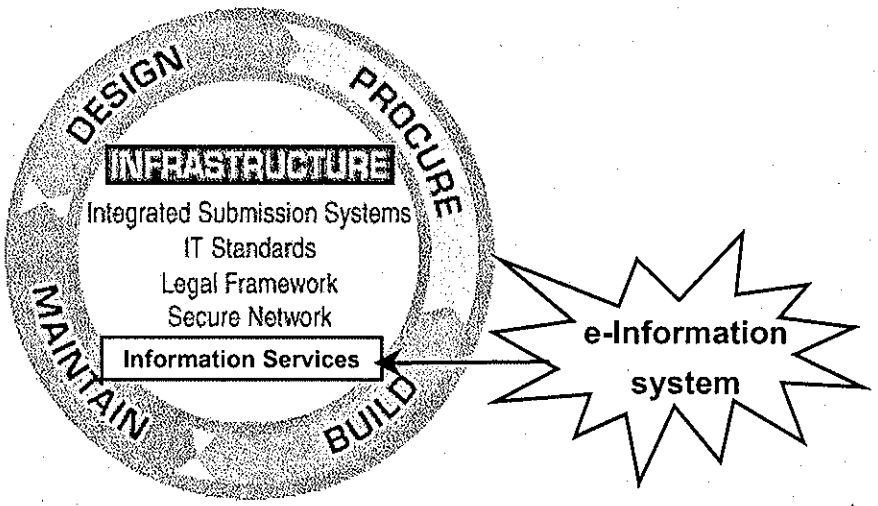


Introduction to CORENET

CORENET (COnstruction and Real Estate NETwork):

- Major IT initiative for Construction Industry
- A collaboration between the public and private organizations
- OBJECTIVE is to re-engineer the business processes of the construction industry

Introduction to e-Information System



Introduction to e-Information System

- A central repository
  - for building and construction related information
  - accessible anywhere, anytime via Internet
- Forms the sub-module
  - to provide foundation support for Integrated Plan Checking Systems
- Reduces the need for
  - hard copy storage space and
  - in-house contents management system



Introduction to e-Information System

- Information contents
  - are structured and harmonised using XML.
- Information available:
  - agencies' codes, regulations, guidelines, handbooks, standard, FAQ, product catalogue and performances such as CONQUAS scores, awards, ISO certification, etc.



Introduction to e-Information System

- e-Information system was launched in November 2001
- Today there are over 5000 professionals have registered with the system

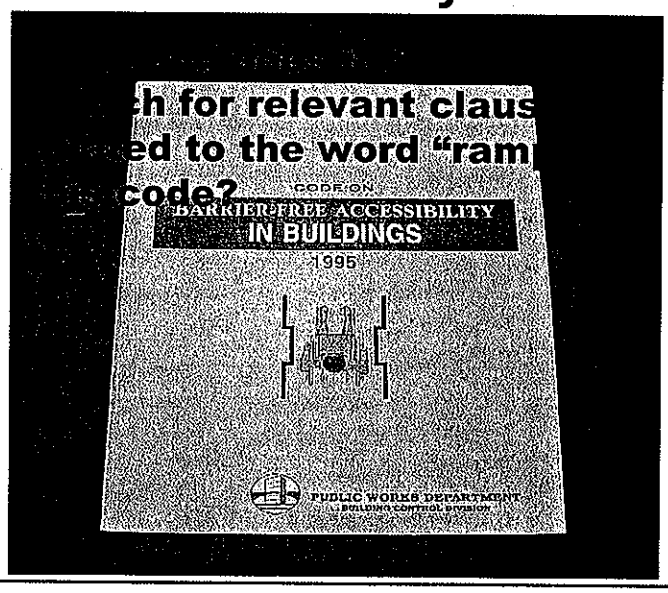
Who is Involved?

- **Support and contribution from 13 regulatory departments spreading across 7 Ministries:**
- **AGC,**
- **BCA, HDB, NParks, URA,**
- **IDA, LTA,**
- **MOM, JTC,**
- **NEA, PUB,**
- **FSSB,**
- **Singapore Powers: PowerGrid Ltd, Power Supply Ltd and City Gas Pte Ltd**

Why CORENET e-Information System?

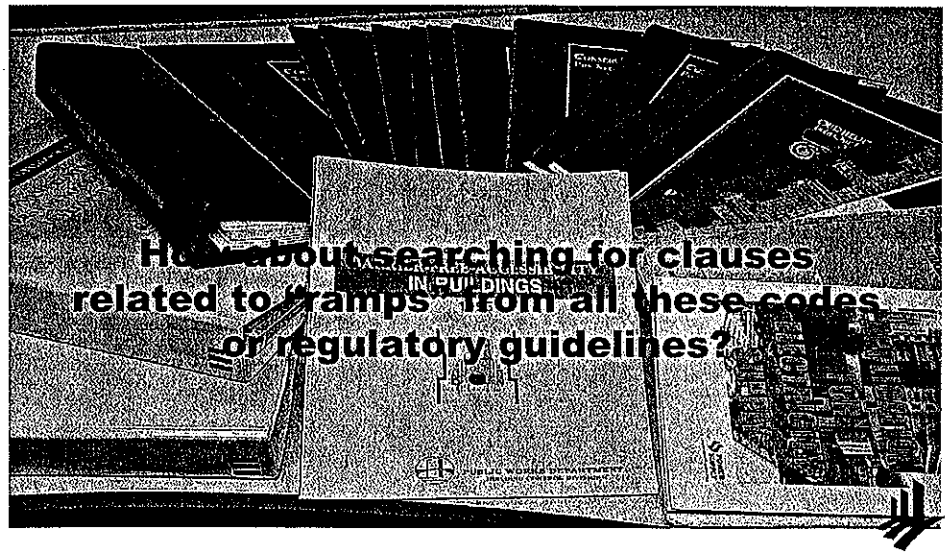


Situation without e-Information System

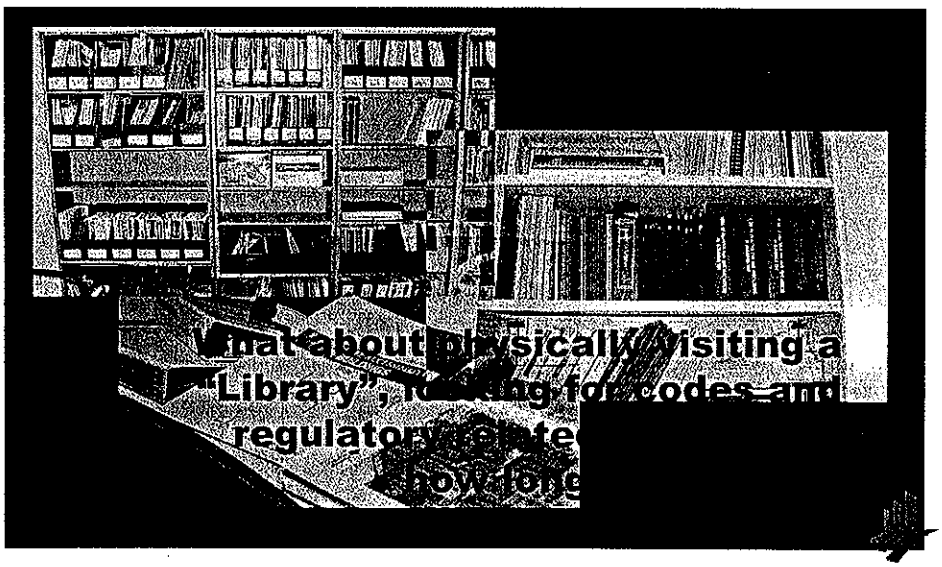




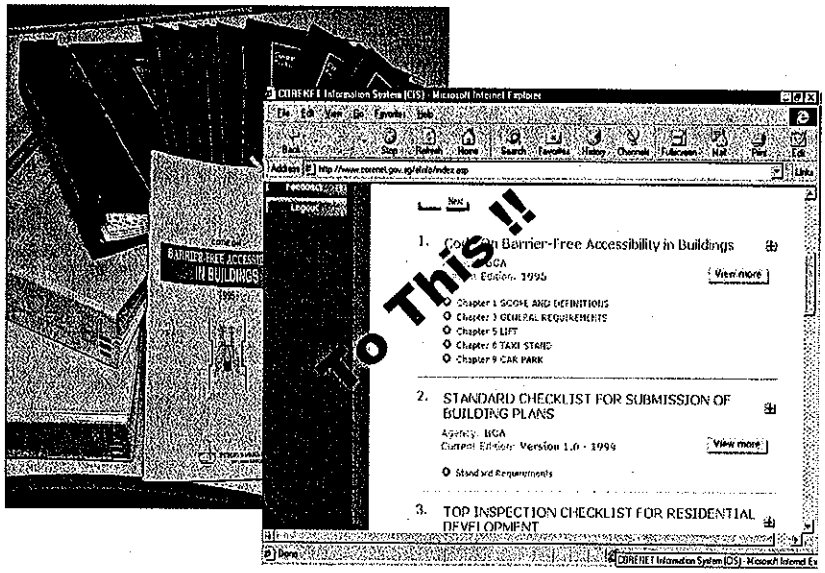
Situation without e-Information System



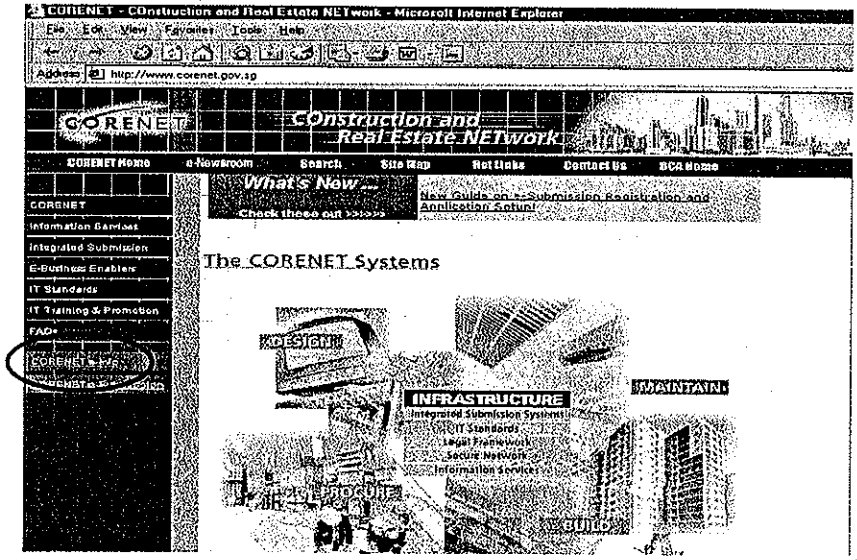
Situation without e-Information System



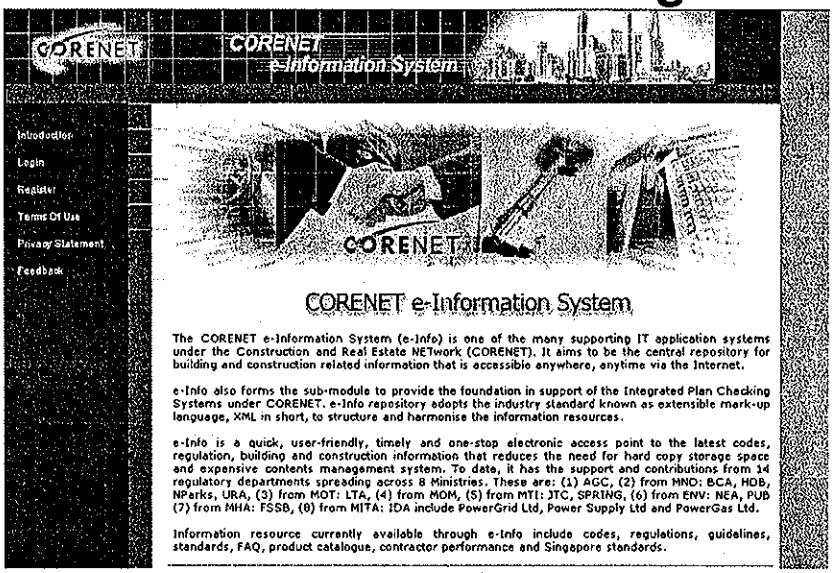
Current Situation with e-Information System



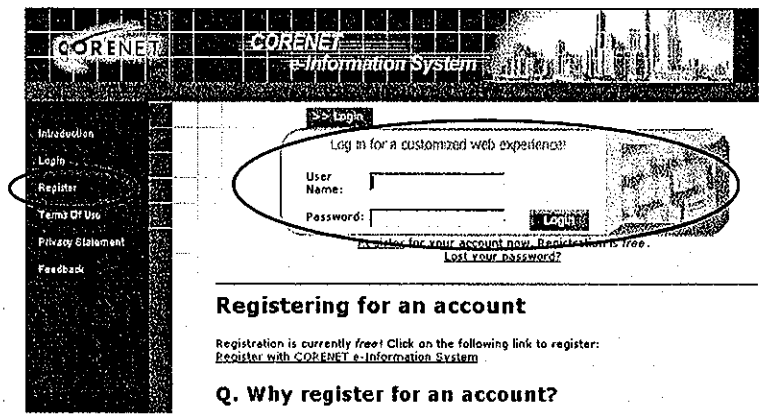
CORENET Main Page http://www.corenet.gov.sg



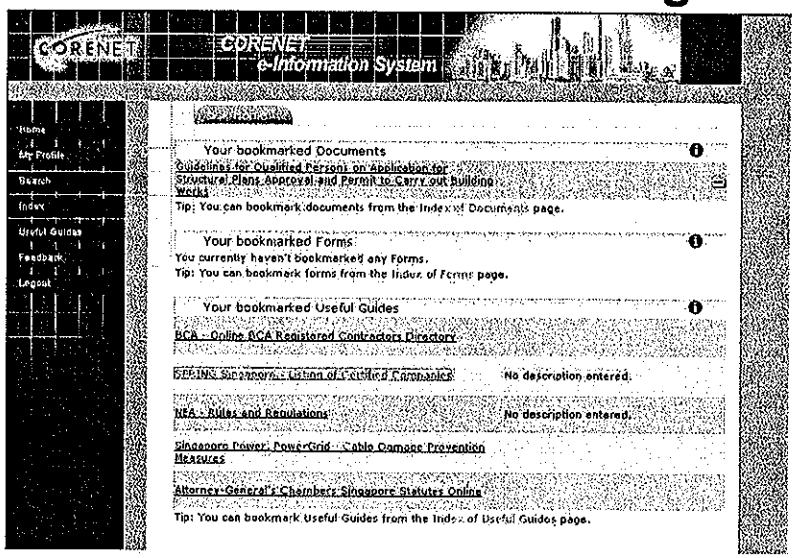
e-Info Introduction Page



e-Info Login Page



e-Info Personalized Page



On-Line Functions in e-Info

On-Line Key Functions

- There are 3 main types of search categories
  - Regulatory Document Search
  - Construction Information Search
  - Circular Search

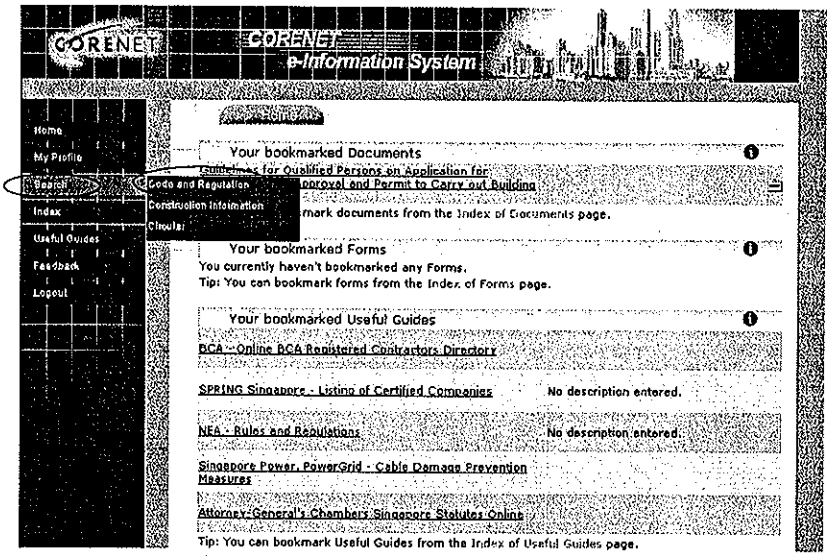


On-Line Key Functions

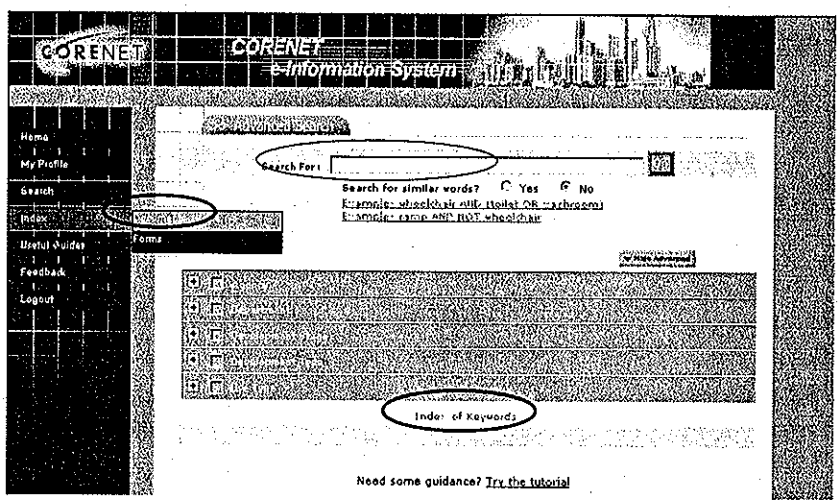
- Regulatory Document Search
  - Data consist of agencies' codes and regulations, guidelines, handbooks, standard, FAQ, etc
  - Ways of searching:
    - advance search
      > words containing in the documents
      > index of keyword
    - index of document
      > listing of all the document titles by agency



e-Info Search Categories

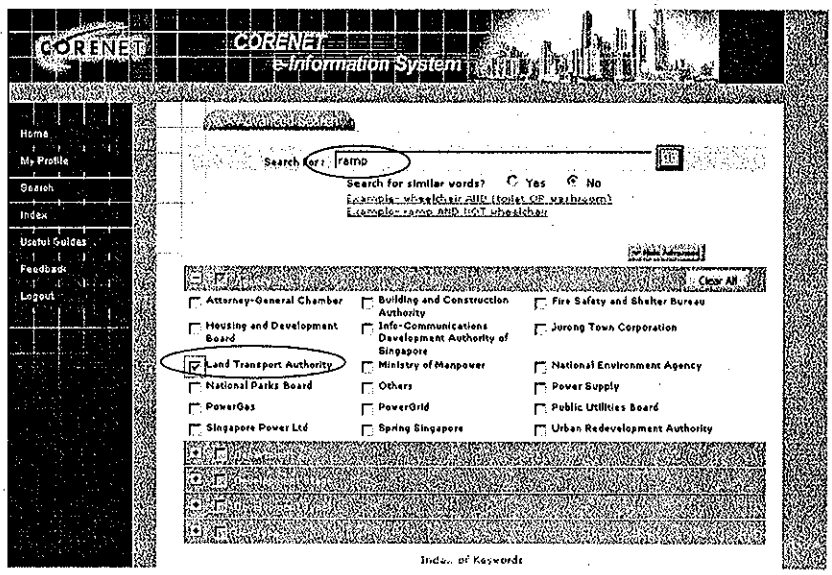


Regulatory Document Search



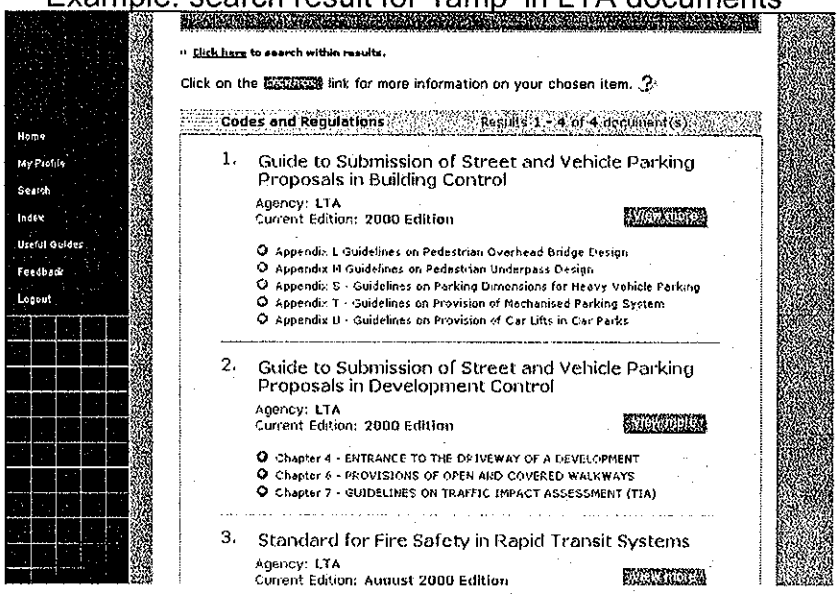
Regulatory Document Search

Example: search for 'ramp' in LTA documents



Regulatory Document Search

Example: search result for 'ramp' in LTA documents



Regulatory Document Search

level or linked by ramp. Steps are only allowed for steep gradient where provision of ramps is not possible.

6.2.10 All ramps to car parks shall begin after the line of the colonnaded covered walkway.

Table 4 Standard Covered Walkway Width Requirement in Central Area.

Location of the Site	Along Main Street		Along Side Street	
	Minimum overall width	Minimum clear width	Minimum overall width	Minimum clear width
Within Central Area	3.6m	3.0m	3.0m	2.4m

Table 5 Standard Covered Walkway Width Requirement Outside Central Area.

Location of the Site	Along Road Category 2	Along Road Category 4

Done Internet

Regulatory Document Search

Example: viewing the Table of Content

Table of Contents

2000 Edition

Guide to
Submission of Street and Vehicle Parking Proposals in Building Control

Land Transport Authority
Development & Building Control Department
251 North Bridge Road
Singapore 179102

CONTENTS

Cover

CONTENTS

Regulatory Document Search

Example: cont'd the Table of Content

Appendix J List of Authorities to Clear for Exhibition of Public Street
Appendix K Format for Banker's Guarantee
Appendix L Guidelines on Pedestrian Overhead Bridge Design Found
Appendix M Guidelines on Pedestrian Underpass Design Found
Appendix N Guidelines on Bus Shelter Design
Appendix O Guidelines on Taxi Shelter Design
Appendix P Guidelines on Covered Linkway Design
Appendix Q Requirements for Interfacing with LTA Facilities Management System
Appendix R - Guidelines on Provision of Parking Spaces not specified in the Rules
Appendix S - Guidelines on Parking Dimensions for Heavy Vehicle Parking Found
Appendix T - Guidelines on Provision of Mechanised Parking System Found
Appendix U - Guidelines on Provision of Car Lifts in Car Parks Found
Appendix V - NParks' Guidelines on Provision of Planting Verge in Car Parks
Appendix W - Form LTA/VP-2 Application for Approval of Proposals and Plans for Provisions of Parking Places and Parking Spaces
Appendix X Form LTA/VP-4 Application for CSC Clearance of Proposals and Plans for Provision of Parking Places and Parking Spaces
Appendix Y Form LTA/VP-5 Lodgement for Approval of Proposal and Plans for Provision of Open Surface Parking Places and Parking Spaces
Appendix Z Form LTA/VP-6 Application for Modification/Waiver of Parking Places (Provision of Parking Places and Parking Spaces) Rules

Table of Contents

Regulatory Document Search

Example: extracted from the document

b. In addition to staircases, ramps should be provided wherever judicious use of site permits.

c. Lighting shall be provided to M&E requirements. See paras 9 and 11 of this guide.

d. In addition to handrails and balustrades, child handrails are to be provided at the staircases and ramps.

e. Finishes to bridge deck and staircases shall be non-slip and non-combustible.

f. All treads / risers are to be of contrasting colour / brightness.

g. Bridge connecting to the building complex shall have separate access to public.

h. The maintenance boundary for the bridge connecting building complex shall be delineated by demarcation.

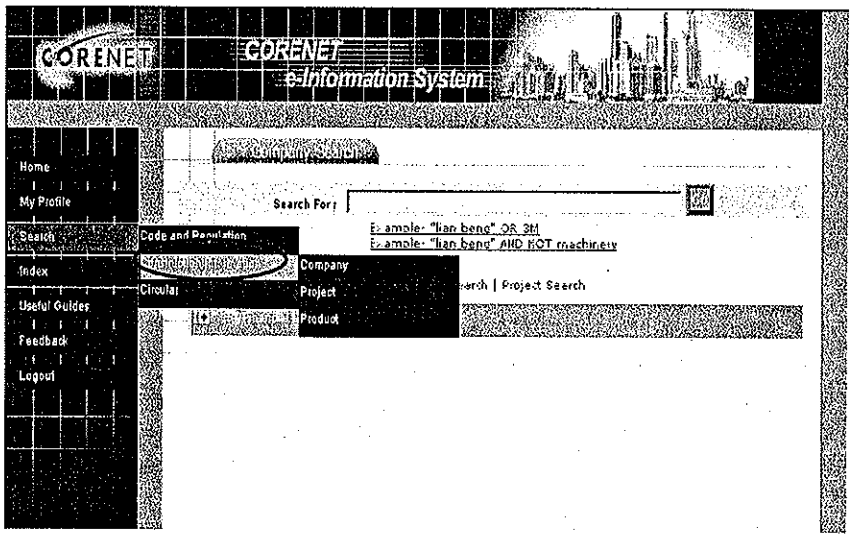
i. Vehicular impact structures shall be installed for column protection.

Done Internet

On-Line Key Functions (cont'd)

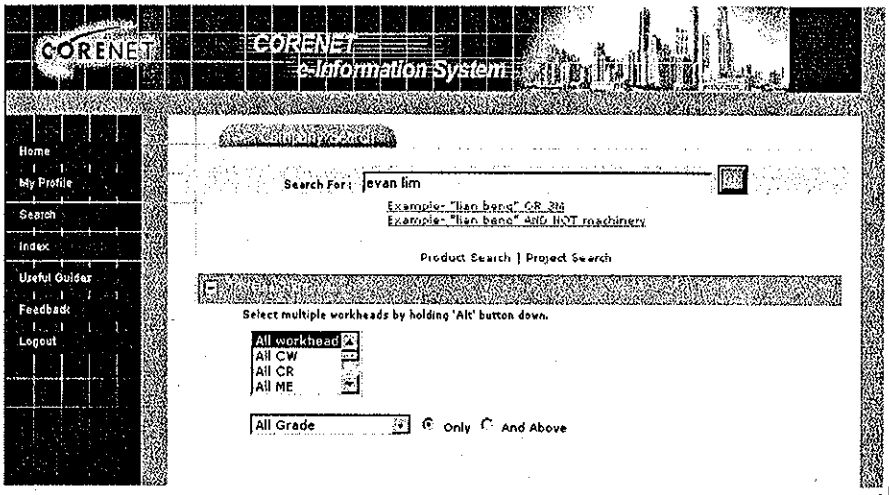
- Construction Information Search
  - contractor info
  - project info
  - supplier product info

Construction Information Search



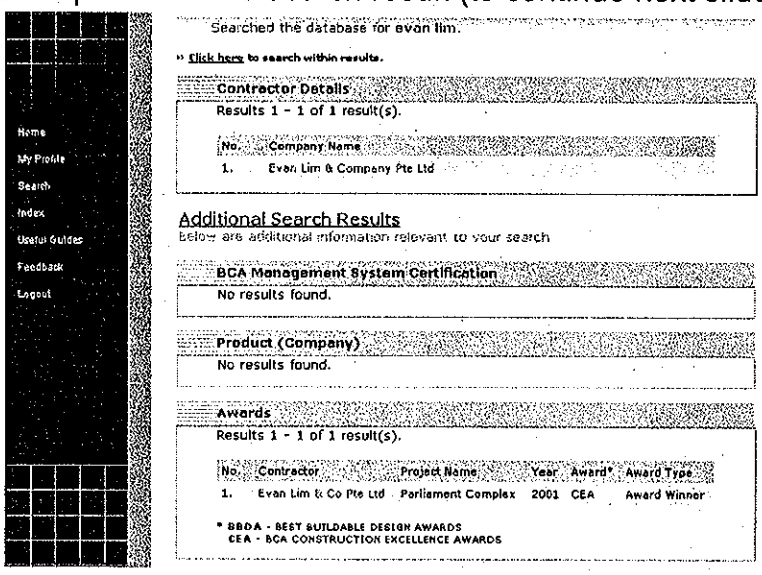
Construction Information Search

Example : search by company e.g. Evan Lim



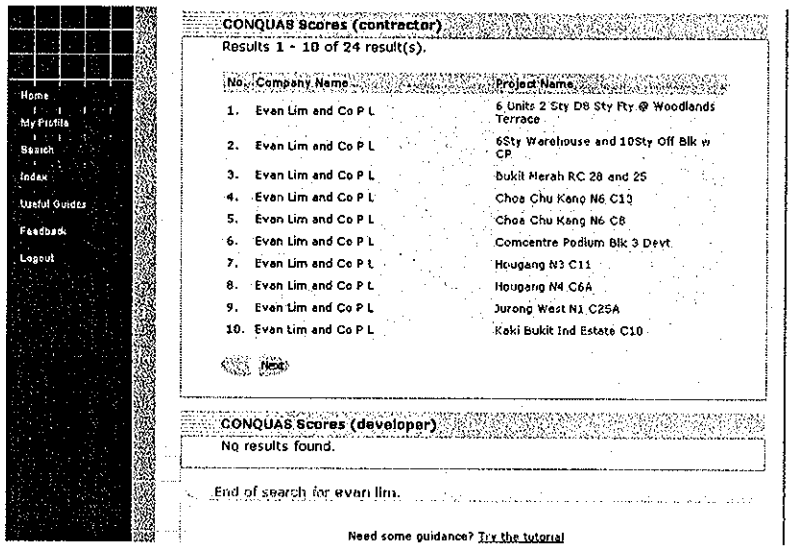
Construction Information Search

Example : This the search result (to continue next slide)



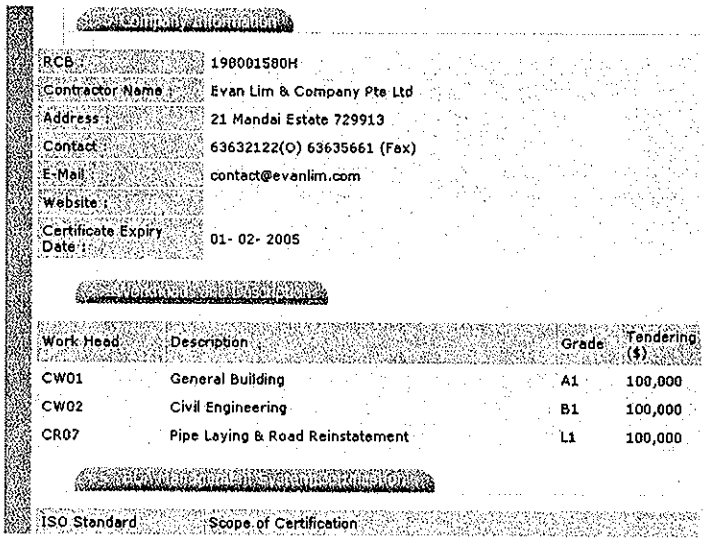
Construction Information Search

Example : Continuation of the search result



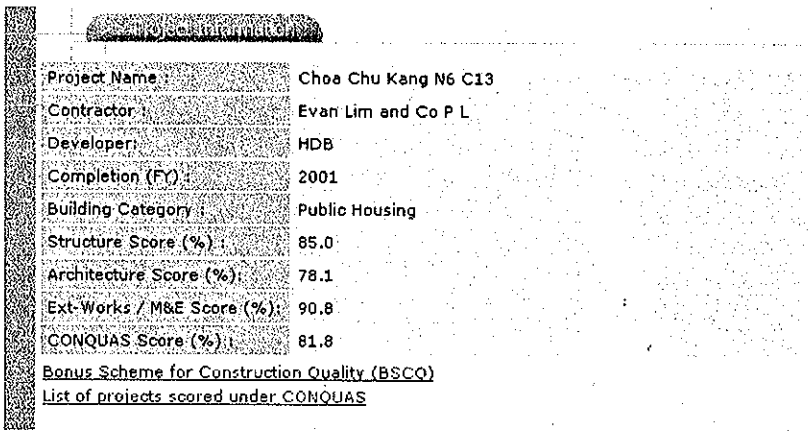
Construction Information Search

Example : Result after clicking on the company name under company details



Construction Information Search

Example : Result after clicking on the project title under conquas scores(contractor)



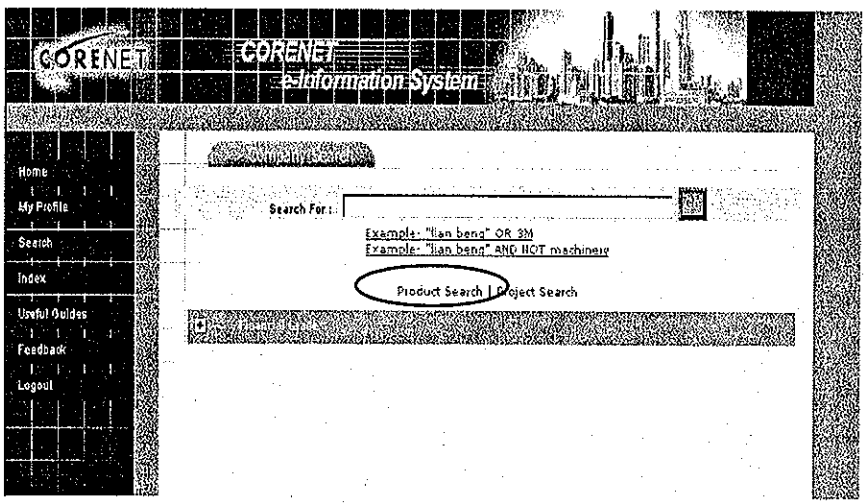
Project Name :	Choa Chu Kang N6 C13
Contractor :	Evan Lim and Co P L
Developer:	HDB
Completion (FY) :	2001
Building Category :	Public Housing
Structure Score (%) :	85.0
Architecture Score (%):	78.1
Ext-Works / M&E Score (%):	90.8
CONQUAS Score (%) :	81.8

Bonus Scheme for Construction Quality (BSCQ)
List of projects scored under CONQUAS



Construction Information Search

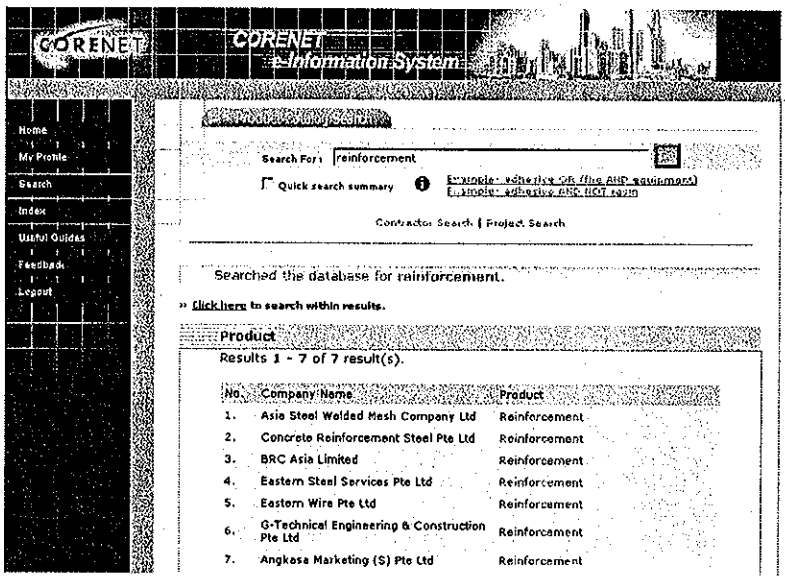
Example: Click on Product Search within the page





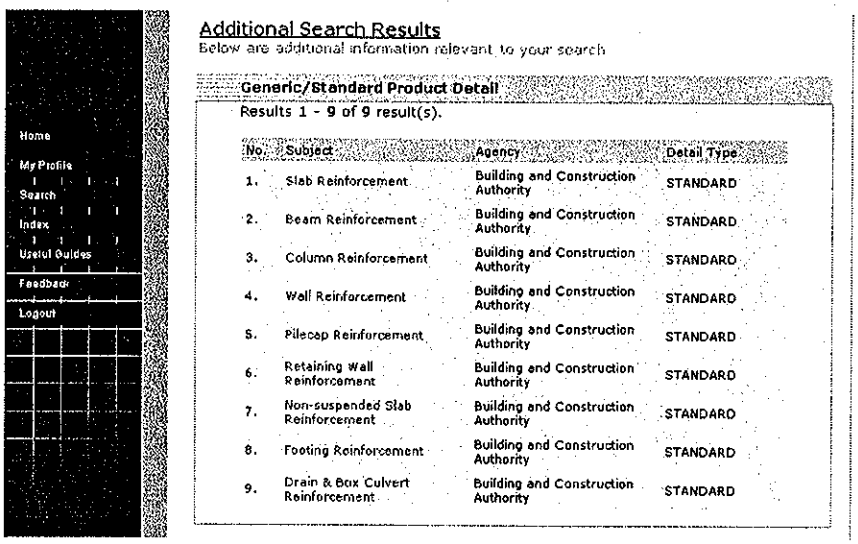
Construction Information Search

Example: search result from product search



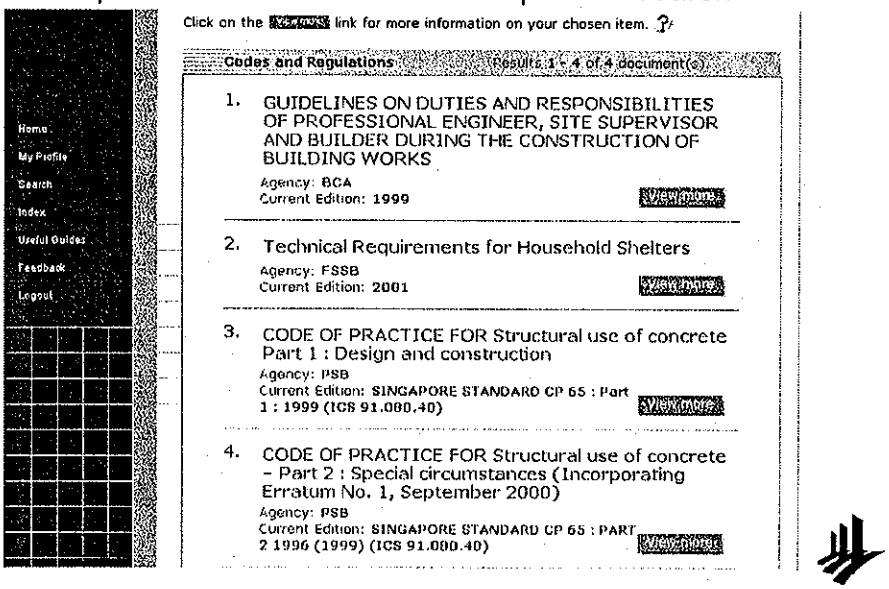
Construction Information Search

Example: cont'd search result from product search



Construction Information Search

Example: cont'd search result from product search



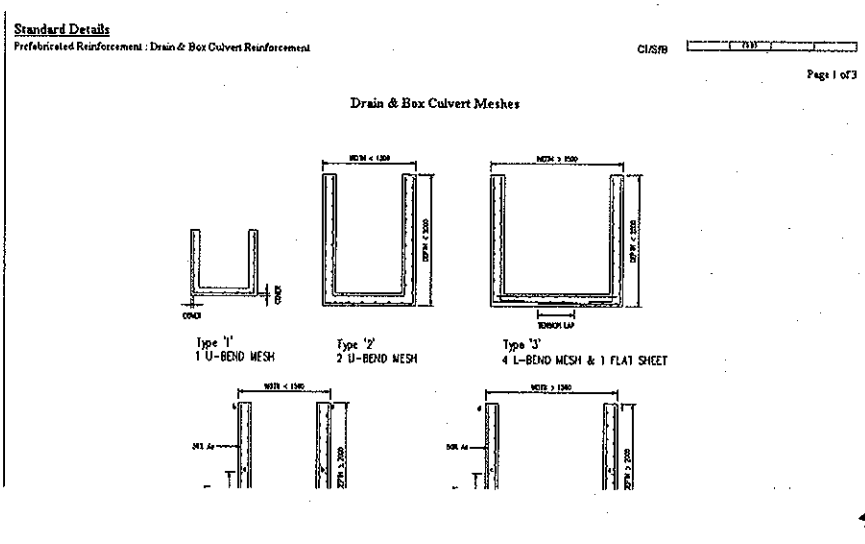
Construction Info Search

Example:result info under product supplier



Construction Info Search

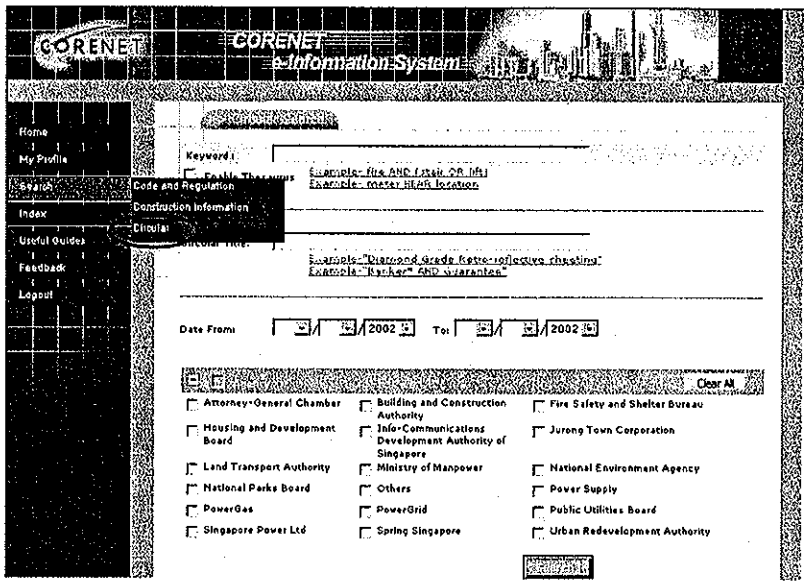
Example:result info under generic/standard detail



On-Line Key Functions (cont'd)

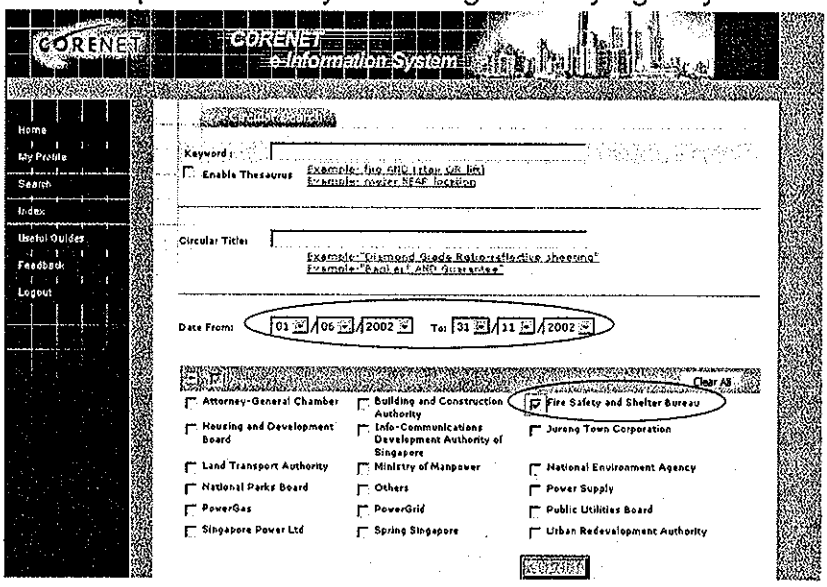
- Circular Search
  - circulars issued by various agencies
  - content is either in html or pdf format
  - Ways of Searching(*either one field or combination of fields*):
    - search by keyword
    - search by circular title
    - search by date
    - search by agency

Circular Search



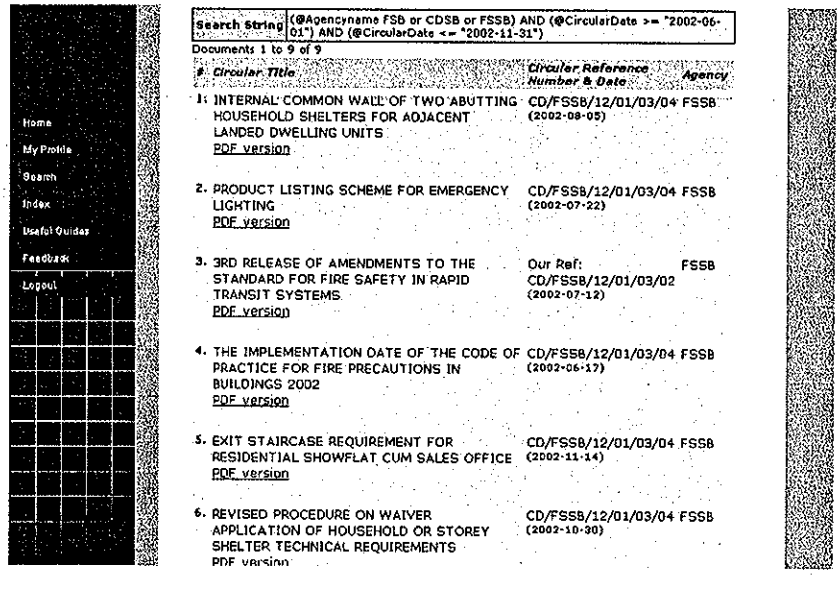
Circular Search

Example: search by date range and by agency



Circular Search

Example: search by date range and by agency



On-Line Supporting Features

- My Profile
- Bookmark
- Useful Guides
- Forms
- Newsletters
- Feedback

Valued-Added Services provided for e-Info users

- e-notification service was developed to broadcast the following electronically to our registered users:
  - new circular
  - coming up event

- an event calendar listing is also provided in CORENET main page

e-Notification of new circular

New Memo | Reply | Forward | Delete | Folder | Copy into | Tools

BCA CORENET EINFO/BCA/SINGOV @SINGOV
09/19/02 04:19 PM

To: BCA CORENET EINFO/BCA/SINGOV@SINGOV
cc:
Subject: CORENET e-Information New Circular - BCA13-9-2002

Dear e-Info Registered User:

This is an update to keep you informed of the new circular uploaded in CORENET e-Info System. Details are as follows:

Agency:	Building and Construction Authority
Title:	CODE ON BARRIER-FREE ACCESSIBILITY IN BUILDINGS 2002
Circular Reference No.:	BCA BC 49.2.10.2 Vol 2
Circular Date:	13-9-2002
URL (PDF)	Click Here!

or goto http://www.corenet.gov.sg/Circulars/BCA_2002091301.PDF

e-Notification of agency event

BCA CORENET EINFO/BCA/SINGOV @SINGOV
09/20/02 04:16 PM

To: Connie LOOK/BCA/SINGOV@SI
cc:
Subject: An event from BCA 18 Oct 2002

Dear Subscriber:

Please be informed of the following event coming up:

Agency:	Building and Construction Authority
Title:	ISO 14001 & OHSAS 18001 Implementation
Description:	Seminar
Date:	18-October-2002
Time:	0900 1200
Venue:	CITI Function Hall



e-Notification of agency event

Connie LOOK/BCA/SINGOV
09/23/02 11:24 AM

To: Connie LOOK/BCA/SINGOV@SINGOV
cc:
bcc:
Subject: An event from FSSB 24 - 25 Sep 2002

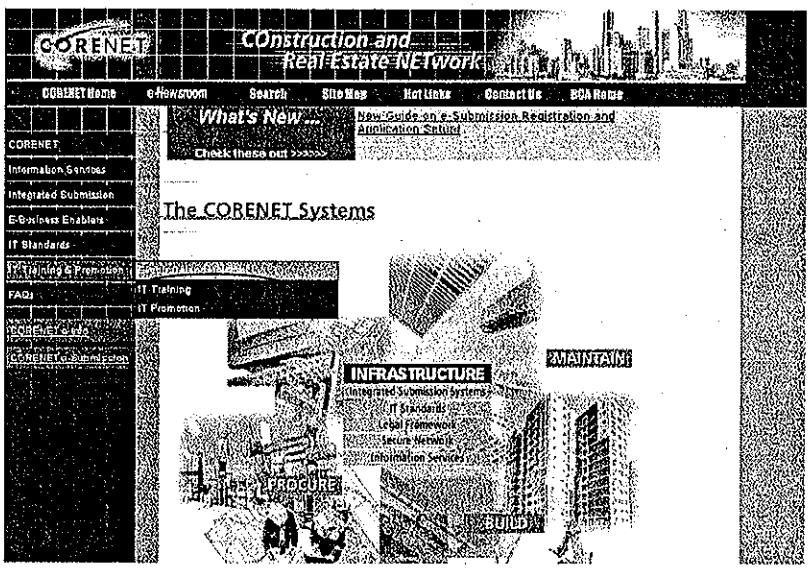
Dear Subscriber:

Please be informed of the following event coming up:

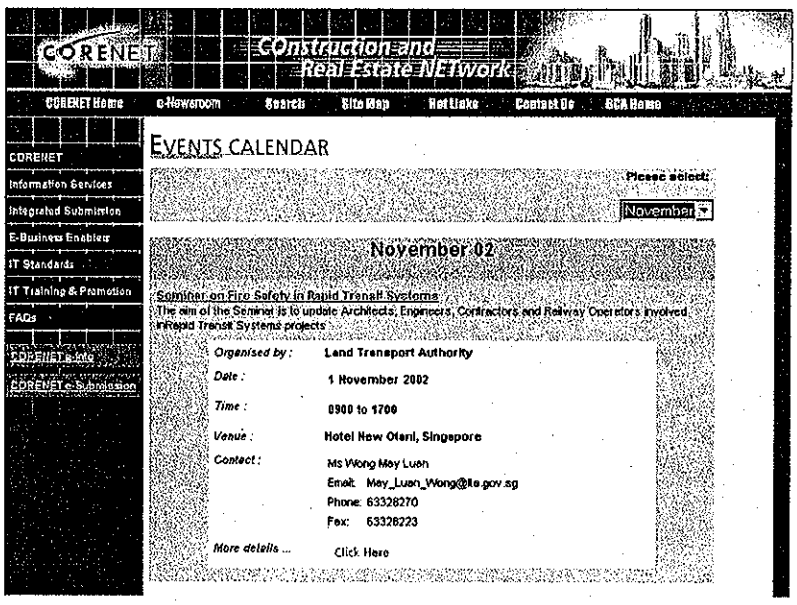
Agency:	Fire Safety & Shelter Bureau
Title:	FSSB Seminar
Description:	To provide update on the fire safety & shelter requirements
Date:	24-September-2002 To 25-September-2002
Time:	Session I(0830-1250), Session II (1345-1750), Session III (0830-1250)
Venue:	HQ SCDF Auditorium, 91 Ubi Avenue 4
More Details at:	http://www.scdf.gov.sg/downloads/fssb/FSS-brochure.doc



Event Calendar in CORENET Main Page



Event Calendar in CORENET Main Page



For more information, logon to:

www.corenet.gov.sg

Any query, please contact:

Building and Construction Authority

IT Development Department

tel: 6325 5003 or 6325 5907

or email your query to:

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Demonstration

