

Reaching Out with e-Cadaastre in Singapore

Creating Value



A Fresh Perspective



New Dimensions

Our Central Business District



A Typical Scene Where Most Singaporeans Live



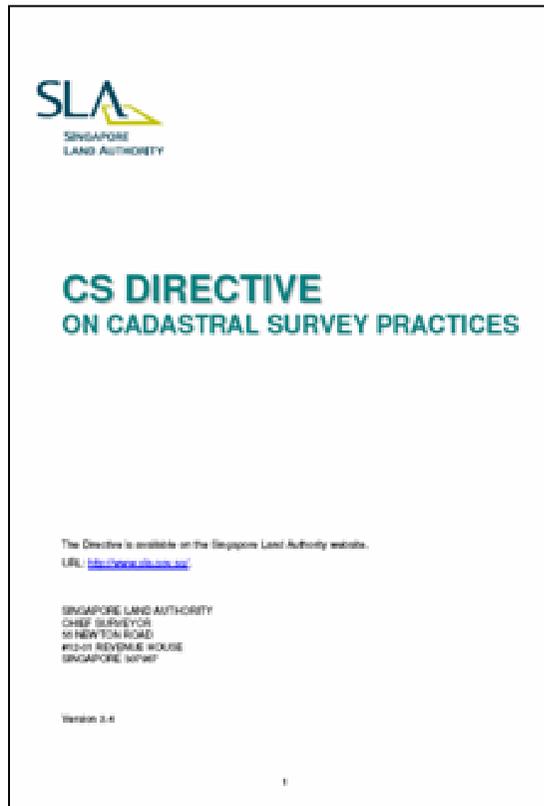
Fast Facts about Singapore Land Authority (SLA)



- SLA is responsible for the direct management of some 14,000 hectares of State land and about 5,000 buildings.
- It is also in charge of land sales, leases, acquisitions and allocation, developing and marketing land-related information, and maintaining the national land information database through digitised land information services.
- SLA is also the national land registration authority for property transactions, and the issuance and guarantee of land titles in Singapore.
- It also manages and maintains the national land survey system, including the defining of boundaries or legal limits of properties based on a co-ordinated cadastre survey system.

Survey Services: Our primary functions

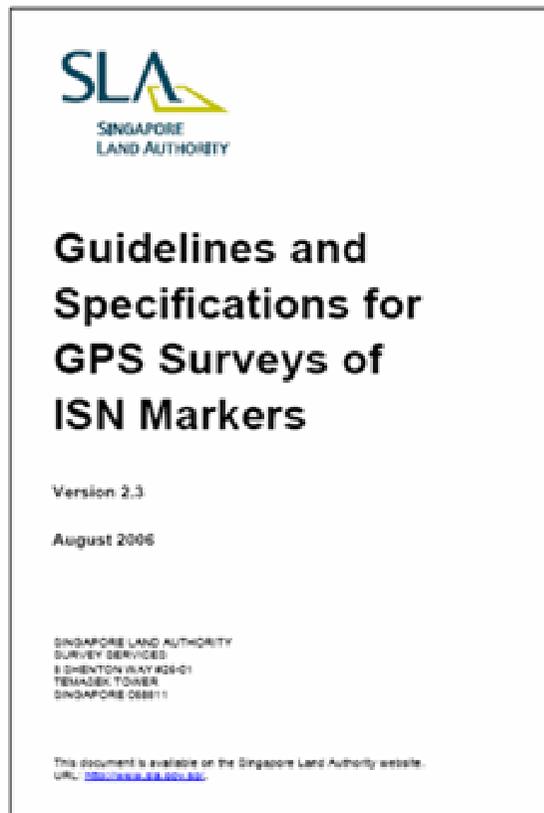
- Regulate Cadastral Surveys
- Manage National Cadastral Database
- Oversee Survey and Mapping Infrastructure
- Govern SG-SPACE Policy and Planning



Cadastral Survey

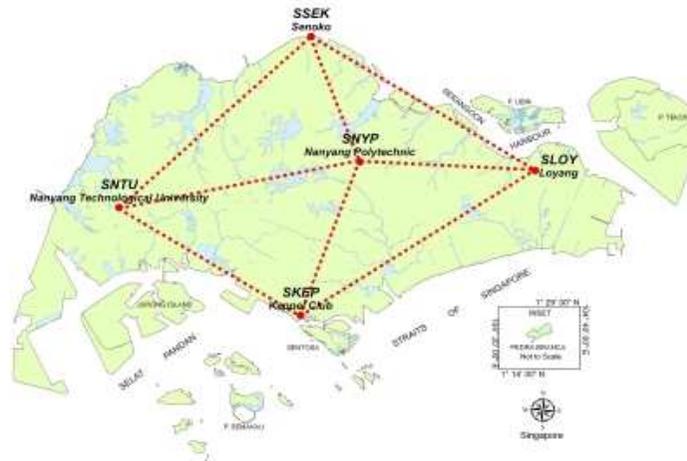
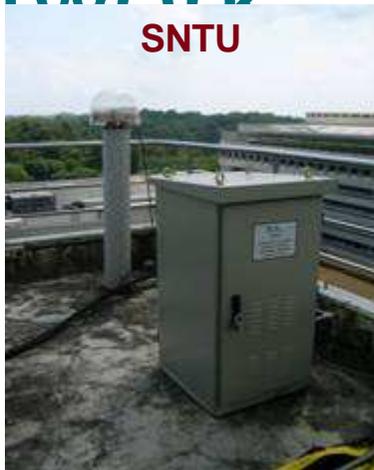
Cadastral Survey in Singapore

- Governed by Legislation
- Cadastral Survey Works Conducted by Practising Registered Surveyors
- Cadastral Surveys Administered by Chief Surveyor
- Based on a Co-ordinated Cadastre



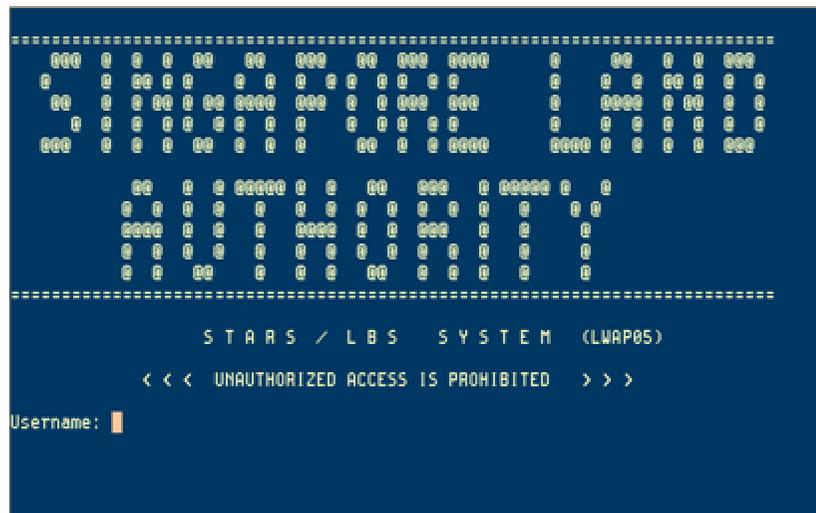
Survey and Mapping Infrastructure

Singapore Satellite Positioning Reference Network





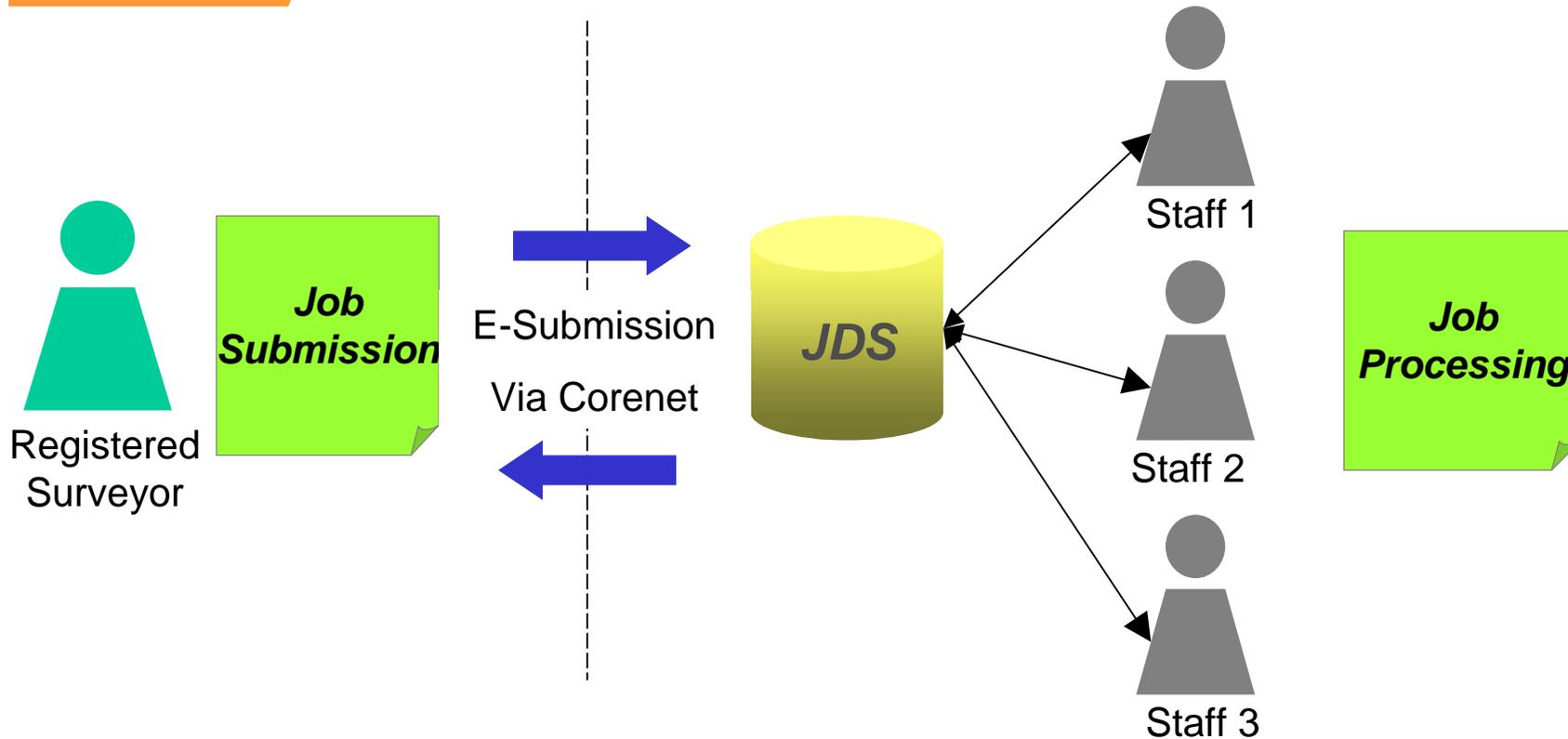
Geospatial Information Management



Electronic Submission of Jobs

**Streamlined
Process**

Job Data Storage System (JDS)



Job Data Storage System

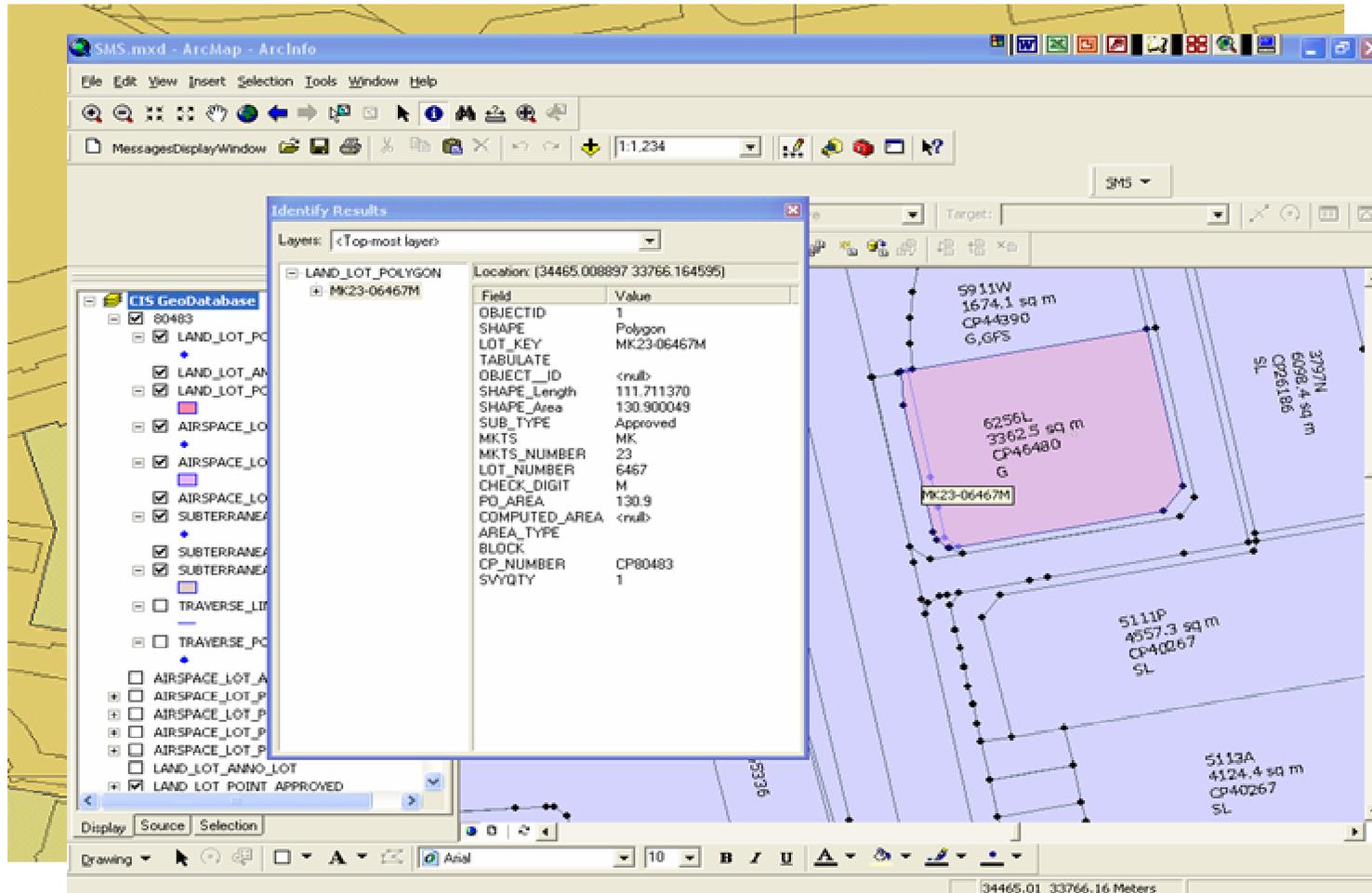


- Submission, internal processing and subsequent approval of cadastral survey jobs are all done electronically
- Saves time and costs for Registered Surveyors

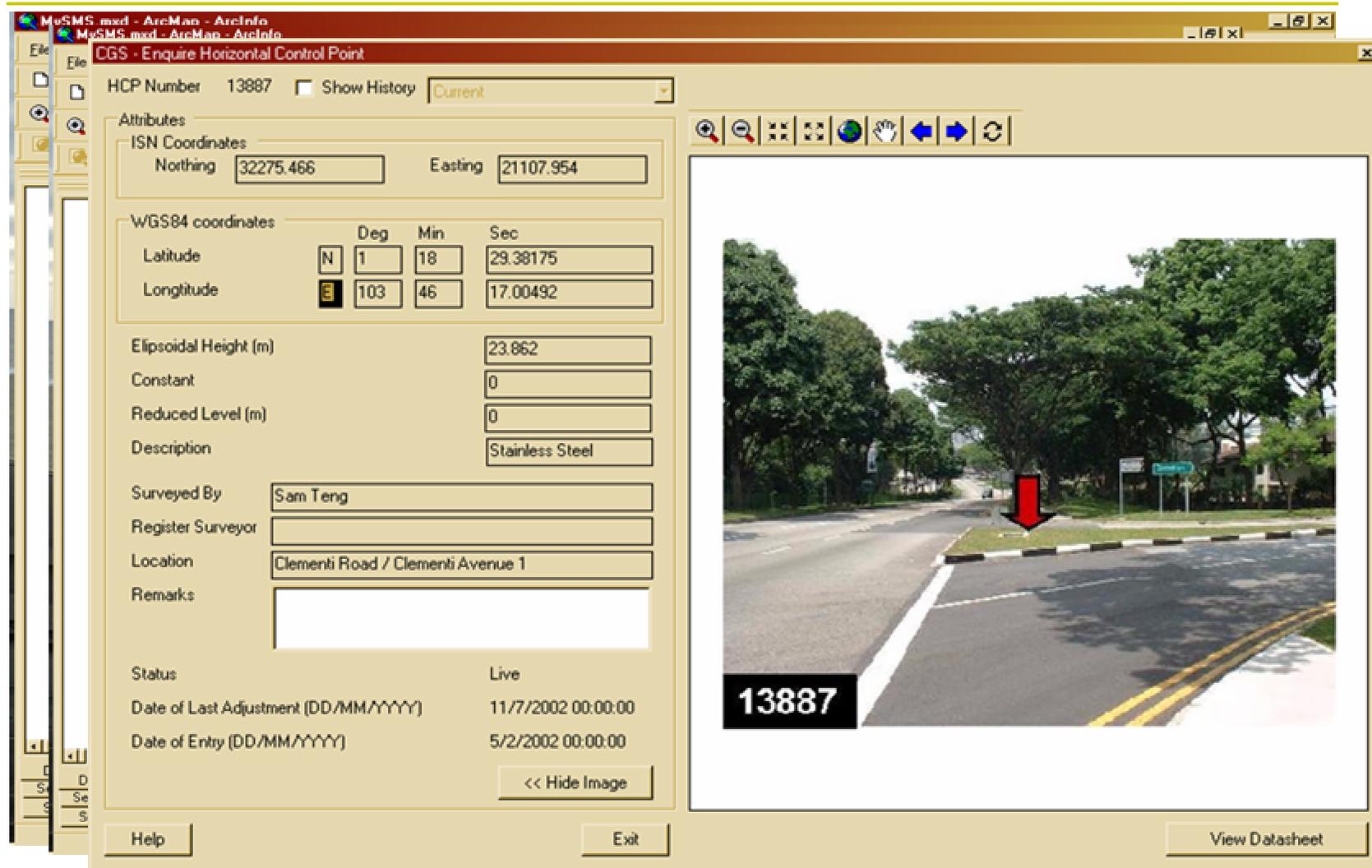
Job Data Storage System (JDS) - Survey Services

Name	Enquiry	Reports	Manual Project	Manual Submission	SVT21 Coordinators Sale	User Weight	Adhoc Report	Change Password	Logout
RS24-00015-2006 MK (VIES)	Submission No : Road	10010 103-0000	Site File No : Type :	SV0121-2006 Submission of Certified Plan (CP)	Serial Number : Status :	0001-2007 Closed(05/01/2007)			
Files		Payments	Queries	Correspondence	Audit Trail	Remarks			
CADASTRAL SURVEY FOR DECLARATI Mukim 07 Lot3190L		Land Owner : RS Name :	JTC Corporation(JTC) [PVT] WEE SOON KIANG(133907)		Project Received : Project Status :	24/02/2006 OPEN			
Submission Date :	01/01/2007	PO :	Dear Muhammed						
Assigned Date :	01/01/2007 14:55	SO :	Janet Koh						
Accepted Date :	01/01/2007	Manager :	Kenny Foo						
Due Date :	31/01/2007	Remaining Days :	0						
JDS Approval Date :	05/01/2007								
#	Job Code	Job Category	Fees (\$)	Edit	Remove				
1	7 - Land Survey Services SLA Gazettal	2 - Amendment of Survey Records	0						
			Total >>	0					
No. of lots: <input type="text"/> <small>Note: If you have changed the No of lots, Please Click SAVE again</small>									
Select Plan and Lot File <input type="text"/>									
Lot No(Not tied to this Project)					Plan No(Not tied to this Project)				

Geographical Information System



Geographical Information System

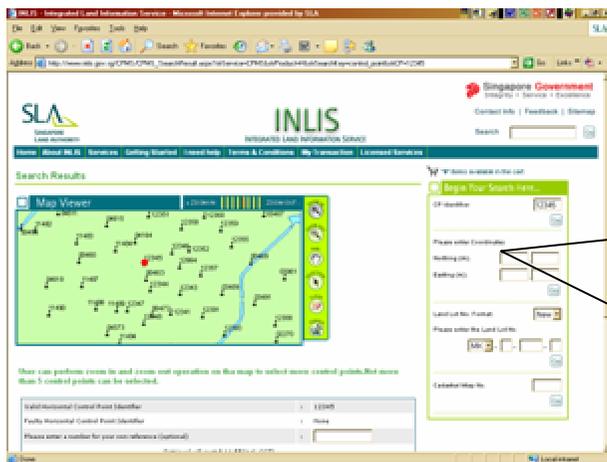
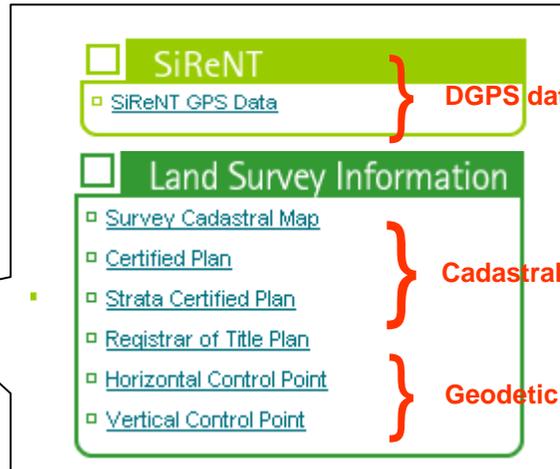


Lot Base System

- Textual information of all land, strata & accessory lots in Singapore
 - Acts a nucleus for other systems to interface
 - Allow online updating & enquiries
 - Enables lot history to traced
 - Generate statistics and reports

INLIS

www.inlis.gov.sg



Begin Your Search Here...

CP Identifier:

Please enter Coordinates:

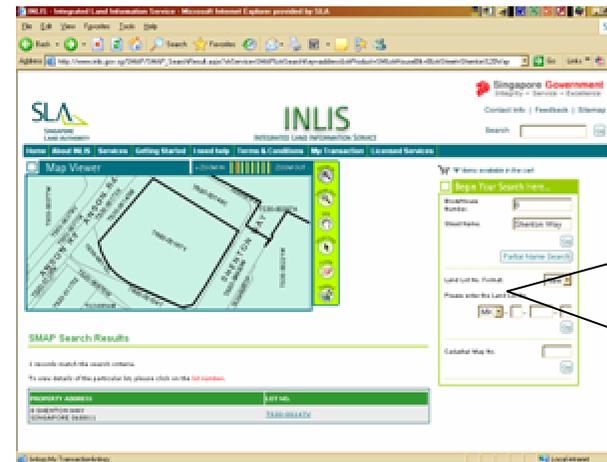
Nothing (m):

Easting (m):

Land Lot No. Format:

Please enter the Land Lot No. - -

Cadastral Map No.



Begin Your Search Here...

Block/House Number:

Street Name:

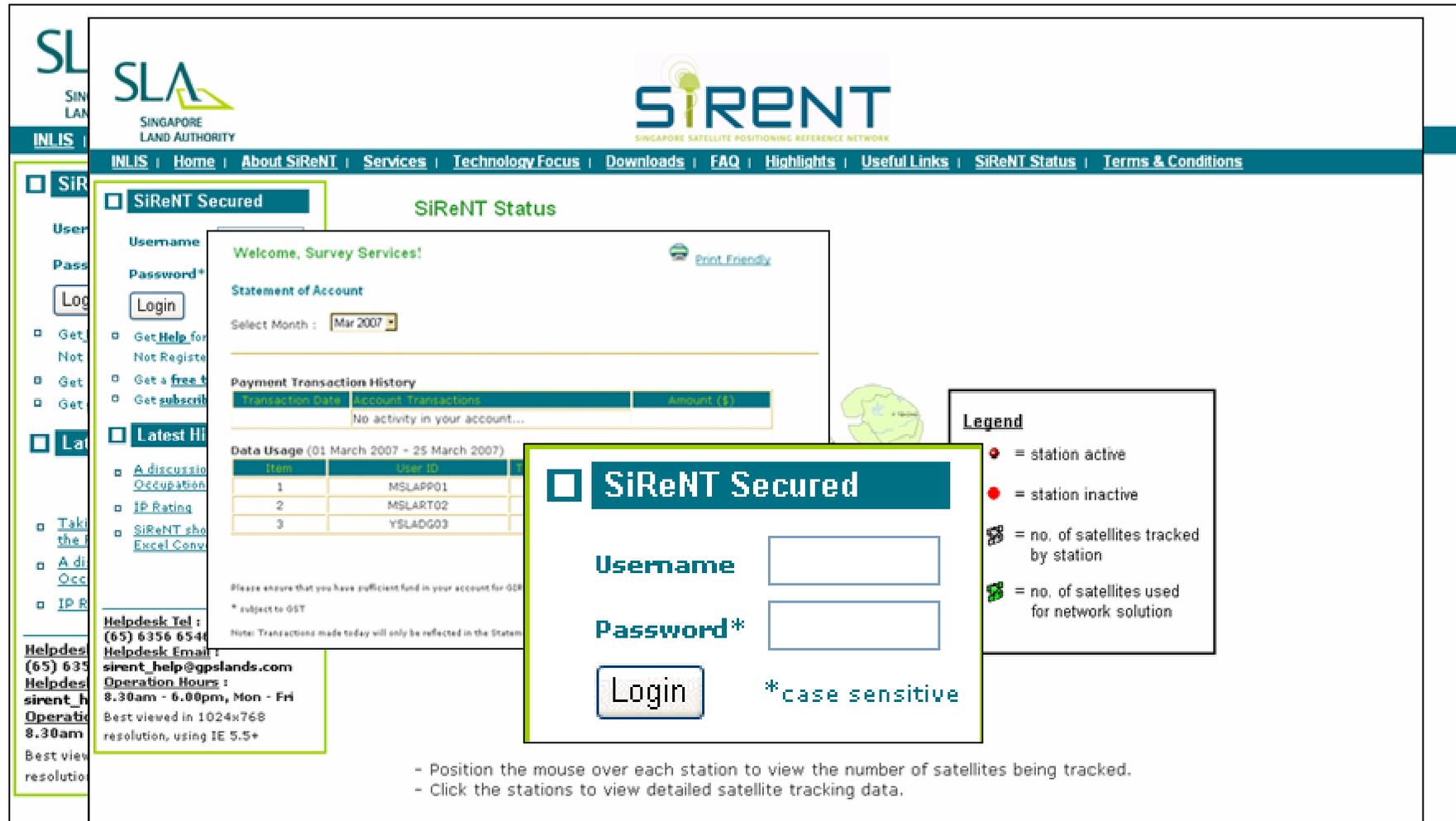
Land Lot No. Format:

Please enter the Land Lot No. - -

Cadastral Map No.

SiReNT Website

www.sirent.inlis.gov.sg



The screenshot displays the SiReNT website interface. At the top, there is a navigation menu with links for Home, About SiReNT, Services, Technology Focus, Downloads, FAQ, Highlights, Useful Links, SiReNT Status, and Terms & Conditions. The main content area is titled "SiReNT Status" and includes a "SiReNT Secured" login box with fields for Username and Password*, and a Login button. Below the login box, there is a "Statement of Account" section with a "Select Month" dropdown set to "Mar 2007". A "Payment Transaction History" table shows no activity. A "Data Usage" table for the period 01 March 2007 - 25 March 2007 lists three users: MSLAPP01, MSLART02, and YSLADG03. A "Legend" box explains the symbols used on the map: a red dot for station active, a grey dot for station inactive, a satellite icon for the number of satellites tracked by station, and a green satellite icon for the number of satellites used for network solution. A "Helpdesk" section provides contact information for the Singapore Land Authority.

SiReNT Secured

Welcome, Survey Services!

Statement of Account

Select Month : Mar 2007

Payment Transaction History

Transaction Date	Account Transactions	Amount (\$)
No activity in your account...		

Data Usage (01 March 2007 - 25 March 2007)

Item	User ID	T
1	MSLAPP01	
2	MSLART02	
3	YSLADG03	

Please ensure that you have sufficient fund in your account for GST
* subject to GST
Note: Transactions made today will only be reflected in the Statement of Account

SiReNT Secured

Username

Password*

Login

*case sensitive

Legend

- = station active
- = station inactive
- 🛰️ = no. of satellites tracked by station
- 🌿 = no. of satellites used for network solution

Helpdesk Tel : (65) 6356 6544
Helpdesk Email : sirent_help@gpslands.com
Operation Hours : 8.30am - 6.00pm, Mon - Fri
Best viewed in 1024x768 resolution, using IE 5.5+

- Position the mouse over each station to view the number of satellites being tracked.
- Click the stations to view detailed satellite tracking data.

Reaching Out to Our Customers

- Consultation with Stakeholders Concerning Survey Strategies and Changes to Guidelines
- Holding Workshop for Registered Surveyors
- Auto-acknowledgement on receipt of Registered Surveyor's submissions
- Inform Registered Surveyors and their Customers upon approval of survey plans
- Attach Staff to Private Firms
- Informal Feedback Sessions with our Customers

What we hope to achieve



Effective

Electronic

**WIN-WIN-WIN
For All Parties**

Efficient

Extensive

What's Next

Lot Information Management System

- New System to Replace Lot Base System
- More Efficient Updating of Data
- Improved Report Mechanism
- Enhanced User Experience

Vertical Survey Infrastructure Improvement Programme

- Re-survey of entire vertical control network in Singapore
- Densification of precise level bench marks on ground

Thank You

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