

THE JOGIS NEWS

In this Issue

Customer Survey	1
Prioritised Datasets	2
International GIS Day	3
The Pulse of Corporate GIS	4

Contact Corporate GIS

We value your comments and suggestions.

Contact us at

cgis@joburg.org.za

GIS Cares

Teddy Bear Drive

Corporate GIS would like to give a special word of appreciation to all customers who made a contribution to our Teddy Bear Drive.

You have inspired us to become involved in a worthy cause during the festive season.

A large number of presents were collected by the Department for the Teddy Bear Clinic. These gifts were then given to abused children at parties hosted by the Teddy Bear Clinic.

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Try our website: <http://eservices.joburg.org.za/joburg/eservices> and click on IMS Online Maps

CUSTOMER SURVEY

A big thank you to all who participated in the October 2004 customer survey! The survey is conducted bi-annually to measure the current services and to establish possible new directions in services and information requirements. In total 54 questionnaires were returned, namely 15 from internal departments, 11 from the regions, 23 from external clients and 5 from the UACs.

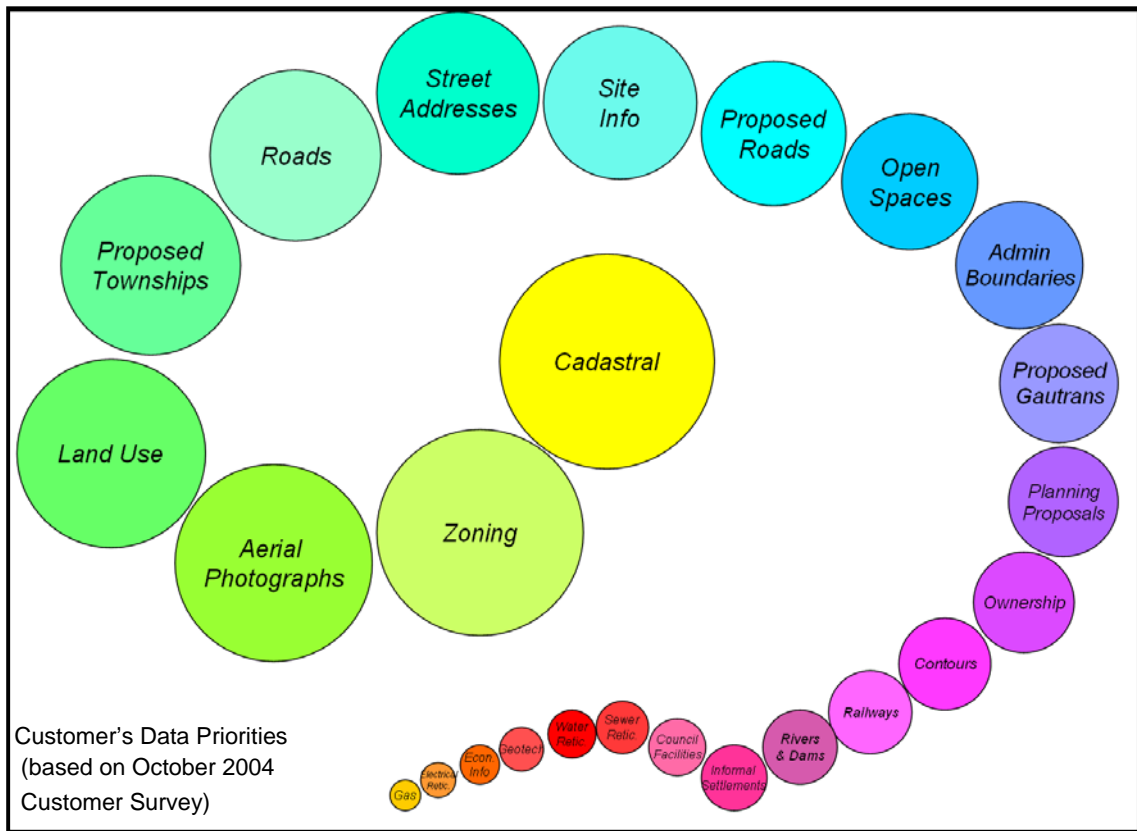
Overall, positive feedback was received regarding the quality of service and service experience. Customers value the wide range of services offered by the Corporate GIS, in particular the customised mapping and the Internet Mapping Service.

Concerns were raised about the waiting times at the Information Counter. We are aware of the increasing demand for stand information in the current positive economic environment and consequent increased development. Our Information Assistants have been working extremely hard to attend to the (on average) 2 200 clients that visit the Counter each month. Changes that have been implemented to enhance this service are the electronic queuing system, the fast queue to deal with short queries, the electronic access to the Survey-General images and Amendment Schemes, the zoning information and Town Planning Scheme documents that are now available on CD, staff training and the purchase of an industrial printer to speed up printing. Additional capacity has also been built by the appointment of students from the Wits Technicon and the installation of extra computers. In the meantime we are also focusing on long-term solutions like the capture of zoning information, which will be made available to customers via the Internet. To capture information for the more than 600 000 stands in Johannesburg is a major exercise and the project is planned to be completed by June 2005.

The customer's data priorities are reflected in the diagram on page 2. The top seven datasets are cadastre, zoning, aerial photographs, land use, proposed townships, roads and street addresses. All these are either available already or have projects in place to capture and make them available soon.

For further developments – watch this space!

Marcelle Hattingh
Director: GIS



Customer's data priorities
(based on October 2004 Customer Survey)

POSITION	DATASETS
1	Cadastre
2	Zoning
3	Aerial Photos
4	Landuse
5	Proposed Towns
6	Roads
7	Street Addresses Site Info
8	Proposed Roads Open Spaces
9	Admin Boundaries Proposed Gautrans Planning Proposals
10	Ownership
11	Contours
12	Railways
13	Rivers and Dams
14	Informal Settlements
15	Council Facilities
16	Sewer Reticulation
17	Water Reticulation
18	Geotechnical
19	Business/Economic Informa
20	Electrical Reticulation
21	Gas
22	Mining Water Catchements
23	Telkom
24	Population

"WHAT'S NEW" ON THE ONLINE MAPS

- ◆ There are new layers available on both the free and subscription sites:
 - Council Owned land (report and search functions)
 - Inncity database (report, search functions, building photos and rendering)
 - Economic Nodes (report and comparison tool)
- ◆ There will also be an Inncity special area to search for different Improvement districts in the Inncity.
- ◆ The locality map on the report page has been disabled on the free viewer but the data and photos will still be available.



<http://eservices.joburg.org.za/joburg/eservices>
and click on IMS ONLINE MAPS

INTERNATIONAL GIS DAY



On the 17th November 2004, in celebration of International GIS Day 2004, the City of Johannesburg's Corporate GIS Department opened its doors to showcase the pivotal role of maps and GIS technology in Local Government.

Visitors were taken on guided tours through the Directorate to experience how maps and GIS could change their business! The visitors included a wide range of internal and external clients like staff members of the COJ Departments, Consultants, Developers, Estate Agents and even students, all curious about GIS and to see its applications in action.



They were amazed by the extent of the Spatial Database that covers an area of 1644km², which is larger than London, Sydney or New York. Furthermore, the City contains about 600 000 stands and houses more than a million households, of which more than 200 000 households are in Informal Settlements.

Visitors saw how GIS can be utilized in Local Government to plan general development, social facilities, land use, urban growth and to assess crime prevention strategies.

It was also clear that, besides supplying data that can be used by council in making better decisions affecting the City, the GIS Information can be used by developers planning infrastructure and services, students studying architecture or urban planning and ratepayers who need to know the zoning restrictions in their Residential areas.



The day showcased the value that GIS can add to any organization or business.

The next International GIS Day will be held on 16th November 2005.



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THE PULSE OF CORPORATE GIS

INFORMATION COUNTER

The Information Counter is a hectic place to visit with the staff putting in a hard days work to keep clients happy. They do an excellent job considering there are still 14 Town Planning Schemes, and the Information Counter is the only place Property Information can be obtained in the Metro Centre.

In order to relieve the continuous pressure experienced at the Information Counter, the staff from the People's Centres in the Regions have been trained to use the IMS Online Maps and other related systems. Basic site information as well as other related information will soon be available from the People's Centres.

Currently the Counter assists an average of 2100 clients per month.

DATA MATCH BETWEEN GIS AND DEEDS OFFICE

The Data Match between data from the Deeds Office and the verification and updating of the GIS started at 67% in July 2004. A total of 45847 records have been matched since with an 87% match for February.

FAX SERVICE

The new Fax Information Service, which has been in operation since February 2002 currently has approximately 403 clients and the client base is still increasing monthly.

An average of 520 faxes are received per month resulting in approximately 1200 queries being resolved.

CADASTRAL CAPTURE

Cadastre is currently being captured from Surveyor General Plans (G.P.'s) and Diagrams. This data can either be registered (Proclaimed) or only S.G. Approved.

Maintenance of the existing data is also done by weekly Deed's mismatch lists, removal of duplicates and capture of missing data.

STREET ADDRESSES

Even though existing street addresses are available on the Internet site, data is still outstanding, due to a number of corrections and new address allocations.

PROPOSED TOWNSHIPS SCANNED AND CAPTURED

A separate layer has been created on GIS for the layout plans of proposed (and not yet approved) Townships. The layouts are scanned and these images are placed in the correct position (registered to the existing cadastre) so that user's are able to see "what is in the pipeline" in a specific area.

There have been 539 proposed Townships captured to date.

ZONING DATA CAPTURED

The total stands captured to date is 546 800 and the total number of townships captured to date is 3426.

PROJECTS SECTION

The Projects Section is another hive of activity, dealing with internal and external clients. The staff attends to individual data and map-making requests to produce standard or customized maps.

The Projects Section handles an average of 80 requests per month.

IMS ONLINE MAPS TIPS AND TRICKS

How to get basic help:

There is a help manual (in Adobe Acrobat .pdf format) available for downloading on the IMS Online Maps.

- Go the e-services page (the link is at the bottom of this page)
- Click on "How do I?" at the top of the page
- Click on the blue triangle next to the Online Map category
- Click on
03 - IMS Help Manual (in PDF Format)
- Click on the phrase
IMS HELP.pdf
- This will then open the manual in Adobe Acrobat reader. If you do not have the application Adobe Acrobat Reader click on the Adobe Image on the same page to download it and then download the manual.

To find out more about the payment and charging methods go to the Terms and Conditions on IMS Online Maps.

INTERNET MAPPING SITE

The Council's Spatial Data can be accessed through IMS Online Maps on the city's E-Services website by going to the E-services listed at the bottom of this page.

Once the E-services page has opened, click on IMS Online Maps on the menu items on the left hand side of the page.

The IMS Site offers two levels of access

- Free access facility, providing basic information available to everyone. This level of access has low resolution aerial photography, as well as reduced functionality.
- Subscription service with more detailed information and functionality available at a minimum cost of R100. Each time a GIS action is performed on the site, e.g. zooming, panning or searching, a small amount of R0.50 will be deducted from the user's account. This level of access has high resolution aerial photography and full functionality.

A full comparison of the differences between the access types can be accessed on the website.

Corporate GIS offers free training on the IMS Online Maps. Training is held every second Friday of each month, from 10:00am to 11:30am at the Metro Centre in Braamfontein, 8th Floor, Indaba Room.

For more information, or to book a place on the next training session, please contact us (011) 407-6190 or send an email to ims@joburg.org.za.

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