

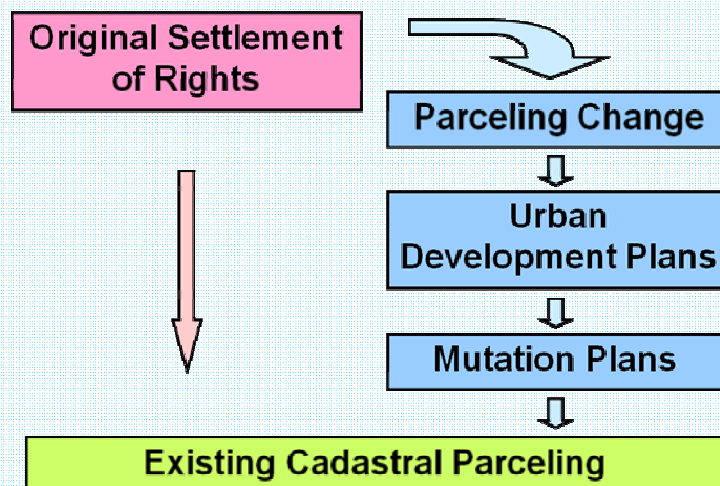
SHALOM – Management of Cadastre: Preliminary Results of Applications and Future Plans

Larisa Voznesensky, Johanan Gavish and Joseph Forrai, Israel

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Cadastral Parceling



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THE CADASTRAL PRODUCTION

Checking process :

- **Correct reconstruction of parcels boundaries.**
- **Performing the computerized test of submitted work files.**
- **Work files are uploaded into the database of the national cadastral GIS.**

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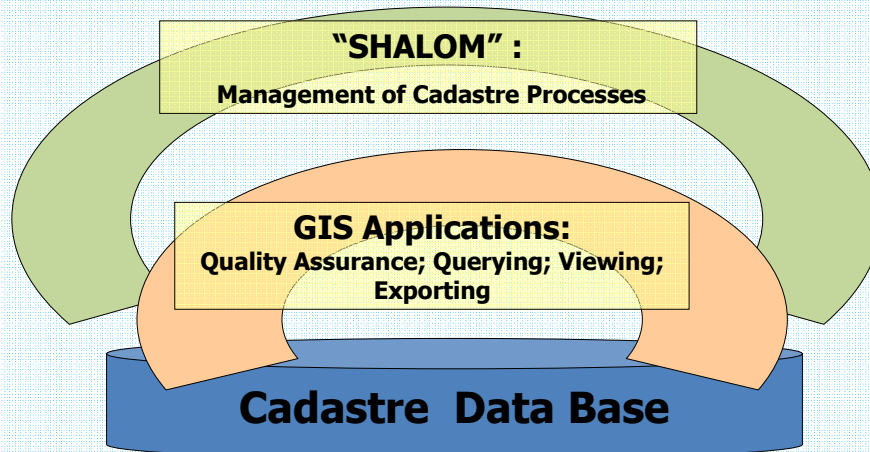
THE CADASTRAL PRODUCTION

- **Each year, some 1200 – 1600 mutation plans and some 200 new cadastral block maps are examined and finally confirmed under the full responsibility of SOI.**
- **SHALOM - a comprehensive, fully computerized system for management and control of the cadastral activity at the Survey of Israel .**

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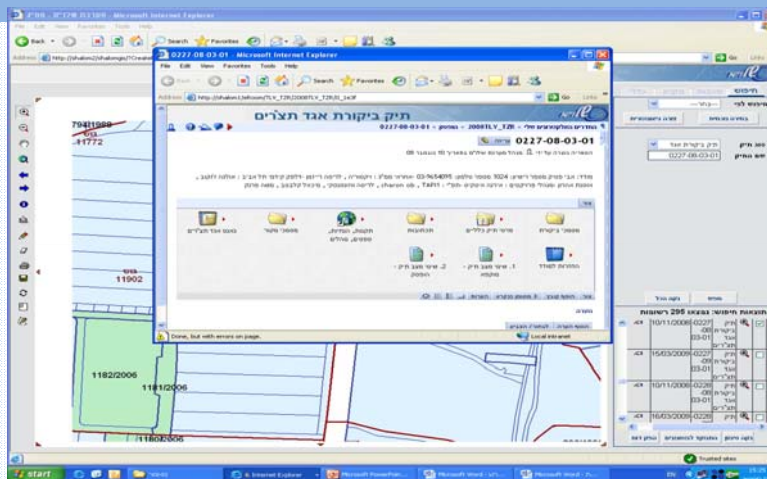
The "SHALOM" system



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TECHNOLOGIES

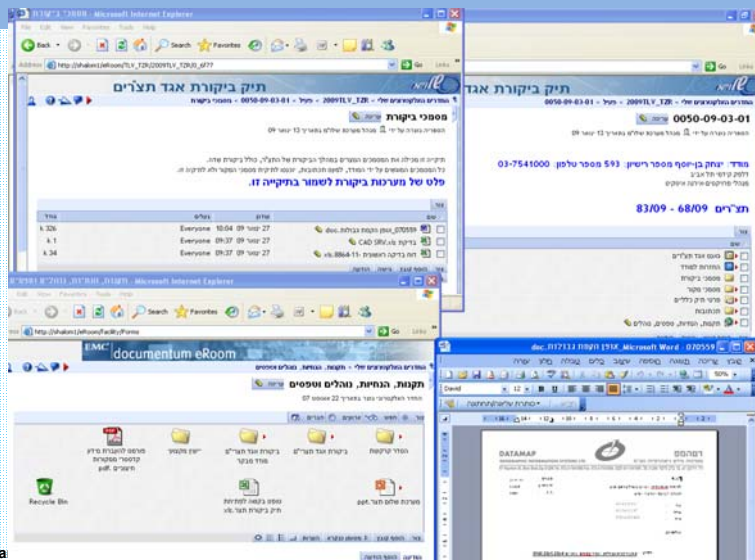


uses DOCUMENTUM over ORACLE and is supported
by ESRI software for viewing geo-information.

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PRESENT STATUS

Assimilating the system 2008 – 2009:

- The experience gained in the pilot project in Haifa, gave a green light for the incorporation of the project in all cadastral units of the Survey of Israel;
- Routine use of the "SHALOM" system has begun in 3 of five districts of SOI;
- Starting at 2010 all new tasks will be handled by the "SHALOM" system.

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PRESENT STATUS (cont.)

Interfaces:

- Cadastral GIS
- National Geodetic Data base
- Private surveyors' quality records
- Accounting system
- Archives

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WHAT'S MORE TO BE DONE?

- Establishing the interfaces.
- Designing and developing of modules :
 - land settlement.
 - plan for documenting parcel borders.
 - data correction and updating.
 - projects concerning field surveys and enforcement of survey ordinances.

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COOPERATION WITH PRIVATE SURVEYORS

- Full support of the licensed surveyors was experienced.
- The system allows digital file management of plans submitted in uniform manner.
- The "SHALOM" system will fulfill the expectations in supplying information on cadastral activities .

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TECHNOLOGIES

- There is a need to build a secure connection between the Internet and the production systems.
- An electronic signature will permit the submission of "electronic" documents.
- The system will be completed as a true "paperless" system.

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CONCLUSIONS (Intermediate)

- The goal of the SHALOM project is to create an organizational change by means of new standards and unified work methods.
- A uniform work procedure has been established which included the professional and management tasks involved.

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CONCLUSIONS (Intermediate)

- The system supports the efficiency of cadastral procedures through transparency to the users at all levels.
- The system permits to obtain information according to various characteristics.
- One of the principal advantages of the system is the Intranet / Internet based architecture .

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FIG