

Description

The CellTracker Development Suite is the environment that enables you to configure a system to your precise requirements. Its three major components enable our Clients to manage the database structure; design, develop and maintain Forms, Maps and Reports; and develop a comprehensive portfolio of Business Rules using CellTracker's Scripting Language.

The Development Suite delivers the ability to configure the CellTracker Modules to meet the needs of your business. It manages the Data Dictionary, which contains the Data Tables, Field definitions and the relationships between Tables. It controls the creation and development of Forms and Maps for data entry and access, and allows the creation of Scripts to ensure your Business Rules are reflected in the CellTracker application. CellTracker's Scripting Language contains a wide array of logical, arithmetic, technical and engineering functions that enable your CellTracker application to reflect your organisation's needs.

Major Features and Benefits

Full Configuration Control

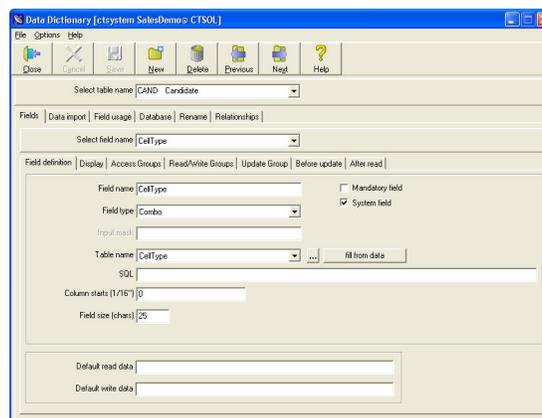
The CellTracker Development Suite is designed to provide access to all of the tools required for full CellTracker Application Development or Module configuration. CellTracker's underlying table structure is deliberately constructed to enable configuration by suitably training and authorised end users. All Forms, Maps and Reports are user defined; nothing is hard coded.

- New data fields can be added to the database, and existing fields can be amended.
- Field types can be selected from eleven different types, including pictures and documents, with automatic runtime validation.
- Forms can be configured to meet your business process and user needs.
- Maps can be configured in layers to allow display and editing of project rollout progress.
- You can even store hyperlinks to Internet Web Sites and pages.

The big plus is that you decide what CellTracker stores and tracks.

Data Dictionary

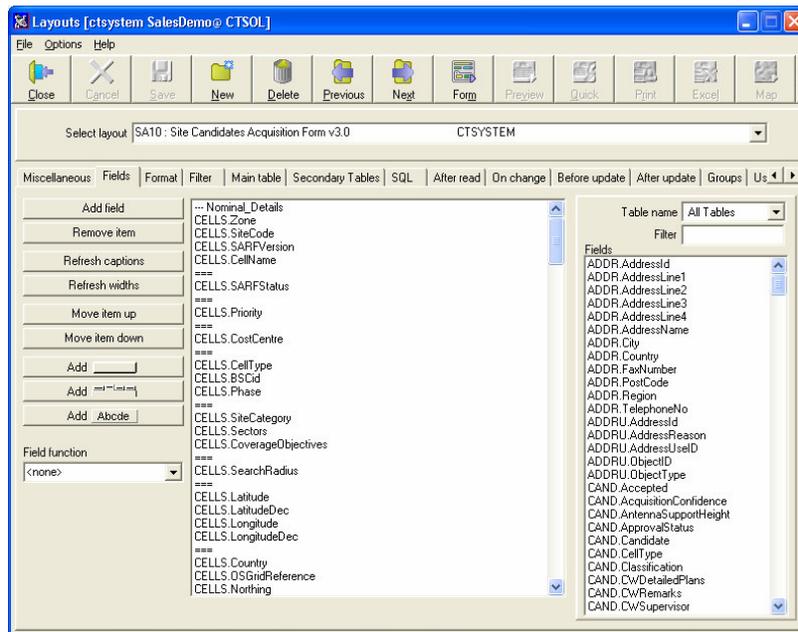
- CellTracker provides a flexible tool to manage the shape and structure of your CellTracker database. Tables can be created and modified; Data Fields can be added and altered, and relationships between Data Tables can be modified as the need arises.



The screenshot shows the 'Data Dictionary' application window. The title bar reads 'Data Dictionary [ctsystem SalesDemo: CTSQL]'. The menu bar includes 'File', 'Options', and 'Help'. The toolbar contains icons for 'Close', 'Cancel', 'Save', 'New', 'Delete', 'Previous', 'Next', and 'Help'. The main interface has a 'Select table name' dropdown set to 'CAND - Candidate'. Below this is a 'Fields' section with tabs for 'Data import', 'Field usage', 'Database', 'Rename', and 'Relationships'. The 'Select field name' dropdown is set to 'CallType'. The 'Field definition' section has tabs for 'Display', 'Access Groups', 'Read/Write Groups', 'Update Group', 'Before update', and 'After read'. The 'Field name' is 'CallType', 'Field type' is 'Combo', and 'Table name' is 'CallType'. There are checkboxes for 'Mandatory field' (unchecked) and 'System field' (checked). The 'Field size (chars)' is set to '25'. At the bottom, there are input fields for 'Default read data' and 'Default write data'.

Form Creation and Maintenance

- Forms can be built to accommodate several Tables and many Fields.
- Security rules can be applied by Form or Field as required.
- Bilingual Field descriptions and headings can be built.
- Business Rules can be applied by Form and Field, before and after the data is read or updated, and even while it is being changed.
- User Menus can be created and actions can be attached to buttons on the Form.
- Forms can be designed for Windows or Web and, in many cases, be designed for both.



Security Access

- CellTracker's extensive security model ensures that users have appropriate access to the CellTracker database.

Scripting and Business Rules

- Business Rules, using the CellTracker Scripting Language, can be applied to data before being read into the Form, as it is updated, and before the Form is closed.
- The CellTracker Scripting Language provides nearly 200 functions, which support Data Manipulation, Form Navigation, Interfaces, and Technical and Engineering processes.

Interfaces with other applications

- The CellTracker Development Suite provides the tools and techniques to exchange data with external software programmes. Data interchange can use Batch (e.g. test files), Database Links (e.g. Oracle Tables) and API calls (e.g. using COM). Together, these offer an extensive set of tools to ensure that CellTracker can co-exist with a wide range of external software applications such as Financial Systems, Radio Planning Tools, Transmission and Network Planning Systems and MS Office products.