

A professional woman with blonde hair, wearing a beige blazer over a striped shirt, is seated at a conference table. She is holding a white document and looking towards the camera with a slight smile. In the background, two other people are seated at the table, working on documents. The setting is a bright, modern office with large windows.

USoft Product Information
USoft TeamWork

USoft TeamWork

Supporting Enterprise Development

USoft TeamWork is the framework of USoft tools and features aimed at supporting enterprise development – the management of large business applications and shared team efforts.

A Framework for Enterprise Development

USoft is a Rapid Application Development (RAD) environment for creating and re-developing superbly adaptable business systems. USoft TeamWork brings core functionality to the arena of enterprise development:

- High-level repository organization.
- Object shopping for parallel development and version control.
- Planning, tracking and change logging.
- Wide meta-data bridges.
- Development authorization.

USoft TeamWork Headlines

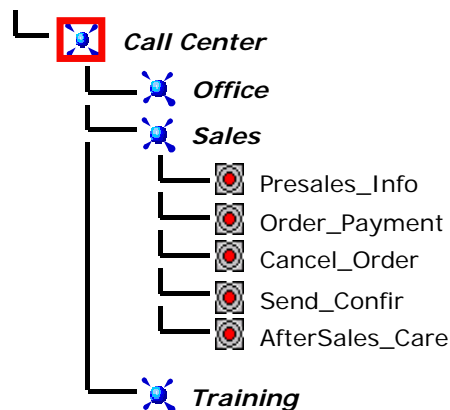
- You can define application specifications in natural language and relate them to completed or planned implementations as you go along.
- You can share notes, remarks and session minutes with other development team members.
- You can assign workload and responsibility for application sections to team members.
- You can export business objects, including GUI specifications. Business objects are fully functional application sections. This allows you to develop and test application sections in parallel, and helps you achieve effective version control. Target repositories are protected against unwanted overwriting by an owned/shared mechanism.

High-Level Repository Organization

USoft TeamWork lets you organize your information about the systems development effort by business areas, business objects and end user tasks. USoft TeamWork supports full multi-user concurrency by definition.

Business Areas are major subsystems in your business such as Human Resources, Stock Keeping, or geographical centers such as sales units.

Business Objects reflect key activities such as Sales or Office Management. A business object can support a number of end user tasks such as Ordcr, Cancel or Stock.



A Business Area, Business Objects and End User Tasks

This high-level repository organization gives you:

- *Overview and access* - Developers understand, locate and document software implementation details as part of organized wholes.
- *Object shopping* - Business object import/export enables parallel development on application sections and help you conduct version control.
- *Structure for authorization, tools and third-party software* - High-level organization provides a basis for a range of development-time features, from developer authorization and meta-data bridges to third-party interoperability.

Object Shopping

USoft TeamWork lets you export and import any part of your development work:

- Low-level implementations –tables, constraints, batch jobs, menus and so on
- Individual business rules
- TeamWork elements: notes, sessions, rule sets
- High-level structures: Business Objects and Business Areas, rule sets, domains ...

Use object shopping to move part applications between repositories. You can have different development teams working on neighbouring parts of the application in separate environments, promote versions easily from development to test and QA repositories, communicate between development and maintenance repositories, and implement version control.

Planning, Tracking and Change Logging

One very logical place for keeping track of what happens or will happen during development is in the development repository itself:

- Make notes covering just about everything from questions, answers and to-do lists to requirement statements, session notes and records of early tests and bug fixes. Notes can easily be tied to business areas, implementations, meetings and RAD sessions, users and attendees. You can also refer to design documents and create note sets.
- Organize all the development tasks and monitor progress. You can assign tasks to team members, keep track of open and finished assignments, test needs, who performed tasks and when, and whether logical units of software were approved, built or tested.
- Take advantage of change logging. USoft TeamWork automatically tracks changes to any part of the system under construction. It also automatically logs in what version of the application an element was first introduced.

Wide Meta-Data Bridges

USoft's Data Model Loader tool lets you load data model information from Microsoft Repository and Universal Data Access sources. This opens USoft Developer to virtually all modelling tools and other meta-data sources, including data dictionaries in all relational databases.

- Use your favourite modelling tool for structure definition, and then bring the model to USoft for excellent RAD capabilities such as instant prototyping.
- Reverse-engineer legacy information from database dictionaries by loading it straight into USoft.
- Re-use modelling efforts that used USoft by bringing them to Microsoft Repository.

USoft automatically re-uses external high-level data organization by translating it to native TeamWork business objects on import.

Development Authorization

You can achieve customized authorization for groups of developer team members.

USoft supplies default user groups for business architects, planners, developers and administrators, with typical sets of privileges for each. You are free to tune these defaults to your specific needs. You can also relate access rights to high-level structures such as Business Areas or Business Objects.