

SUPERCHARGE YOUR 2200



**I-QU PLUS-1
Reorgs Boost
Mainframe
Performance by
Up To 80%**

OS 2200 Productivity

Save Time and Money While Performing Important Database Reorgs

I-QU PLUS-1

Designed to minimize production downtime when reorganizing DMS 2200 databases, I-QU PLUS-1 allows the Database Administrator to target individual database areas for reorganization. A selected area is reorganized without the necessity of linking to associated areas, thus reducing I/O and providing runtime savings of up to 80% over conventional methods.

Database Maintenance Advantages

- Realize shorter database unload/reload times
- Do in-place global pointer changes when expanding number of allowed areas/pages
- Manipulate database pointers and keys stored in records
- Ignore set linkages during reload
- Save and restore pointers
- Cross-reference old record locations to new when correcting pointers
- Significantly reduce production downtime
- Always load database areas in page number sequence ... even for CALC records
- Easily add new set relationships
- Add new set pointers (owner/prior)
- Isolate reorganizations by area for speed
- Use built-in calc simulator for more efficient loads
- Minimize impact of cross-area designs
- Easily patch broken links
- Realize quicker reorganizations regardless of hierarchical levels

Additional Benefits

- Access all Unisys supported file types
- Conversationally browse files and database structures
- Patch database areas, relational tables and files
- Prototype new applications
- Develop entire I-QU PLUS-1 applications

I-QU REORG COMPOSER

I-QU ReorgComposer automatically generates I-QU PLUS-1 database reorganization code reducing development time by as much as 90%. A Windows® client program interacts with host component to examine a DMS 2200 schema file and performs a dialog with the Database Administrator to produce the generated code. During the dialog, the Database Administrator chooses recovery and verification options, reload strategy, file specifications, type of sorting, etc. The result is a complete runstream including I-QU PLUS-1 unload and reload programs with all the required utilities and ECL to accomplish the most complex of reorganizations, hands free.

I-QU ReorgComposer also contains features that analyze the impact of schema changes on program source libraries and automatically generate accurate shifting code when adding, removing, expanding or compacting data fields.

Client Benefits

- Downloads schema related information from the host component
- Search for changing data field specifications
- Make data field specification changes
- Expand, compress, insert or remove data fields
- Specify date aging
- Retain field change specifications between sessions
- Automatically generate shifting logic when inserting/removing fields
- Calculate correct starting locations and lengths when shifting data
- Maintain dialog with database administrator regarding reorgs
- Generate all required I-QU PLUS-1 code and ECL
- Develop unload/ reload strategies to minimize downtime
- Include optional IRU/DMU code for backups and verification
- Allow site-specific alteration of generated code before reorg
- Upload generated code and runstream
- Search source libraries for code affected by database

Host Features

- Extract schema information from host file
- Transfer extracted information to client