Gold Client®
Application Data Solutions

providing the power to easily copy the data you want

select, replicate & secure subsets of SAP data

Ease & Power
Converge

CHALLENGES OF DATA MANAGEMENT

One of the most difficult challenges to overcome in an SAP environment is the replication of production application data for development, testing, analysis and training.

As client sizes grow, the SAP delivered client copy process becomes technically less functionally feasible and impractical. As a result, many projects resort to full copies of the production database into supporting systems (homogeneous system copy). However, over time this process becomes very taxing on the technical staff and cost prohibitive to the organization as non-production environments quickly devour storage and leave the team scrambling for resources. Storage is consumed at an exponential rate and execution time can easily last a week or more, all the while project teams suffer from stale and inadequate data.

POWERFUL AND EASY SOLUTION

We provide a solution to end full database copy inefficiencies and empower project team members to quickly and easily select and copy exactly the data they want—the Gold Client Solution.

GOLD CLIENT®

The **Gold Client Solution** consists of Gold Client Software, expert implementation, in depth training, and maintenance services. Gold Client Software (available for ERP, BW, CRM, GTS, HR, or SRM) consists of two key components:

Refresh Alternative— Replaces the need for client copies with a much faster and more efficient process.

Intelligent Data Transfer— Allows project teams to quickly and dynamically select and replicate user-defined subsets of SAP application data from production and non-production sources to non-production targets within the SAP landscape.

GOLD CLIENT SOLUTION DIGEST

At the center of the Gold Client Solution is a proven process that has been encapsulated into the powerful Gold Client Software.

Gold Client for SAP applications (ERP, BW, CRM, GTS, HR, or SRM) utilizes the Gold Client data type framework. Meticulously developed and market proven for over seven years, this detailed and robust Gold Client framework ensures full data integrity end-to-end. With years of framework expertise, the Gold Client Solution implementation is truly complete, including an organization's related custom tables—no development toolkit or end user configuration is required.

Gold Client Software utilizes this extensive framework in a clear and clean export-import process, empowering the user to selectively replicate configuration, master, and transactional data. With this process, you can create fully functional production-like clients without transactional data. These clients are built from the ground up and are a fraction of the size of full production. Further, Gold Client allows process owners to select, by any criteria, exactly what transactional data they want from the source (such as Production). Data meeting the selection criteria, and all relative data, is exported from the source, and then imported to the target—replicated exactly as it resides in the source. The doc flow is completely preserved, providing a true and complete subset of select data. Data exports are secure and compressed, and can be used for import into multiple clients. The data selection criteria is reusable, extendable and dynamic.

Gold Client is available for SAP's ERP, BW, CRM, GTS, HR and SRM applications, is not hardware or OS dependent, and does not require additional server hardware or development toolkits. It supports SAP 4.0 through the latest application versions and is UNICODE compliant.
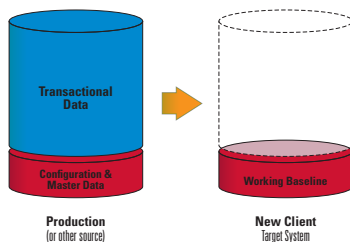
WHAT'S "IN THE BOX"

– Licensed by the Production instance, and includes all of the supporting systems (DEV, QA, TST, etc.) of that instance.

– Gold Client Software with Expert Implementation.

– Classroom and One-on-one, hands-on training.

– Documentation and process procedure documentation.

– 24x7 Phone, E-mail, and On-Line Technical Support.

– Updates of table maps when you upgrade the SAP application, including application specific maps and custom table maps.

– Remote & On-site Consulting specific to Gold Client (call for details). i.e. project planning, review procedures, training new staff

– Fixed annual maintenance renewal pricing; does not increase or decrease based on number of users or system growth.
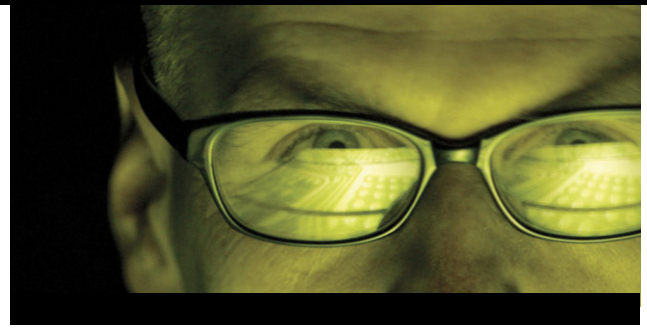
Create smaller, fully functional clients.

The **Refresh Alternative** component of Gold Client replaces standard client copies and system refreshes with a faster and more efficient process for Basis and Technical teams.

Gold Client offers a true alternative to the refresh paradigm by creating a fully functional, Production-like client without all the transactional data. Through the power of the Gold Client framework consisting of a categorized and organized Master Data table map, Gold Client uses an export-import process to very efficiently populate a Configuration copy of Production (or any client in the landscape) with Master data from Production (or other source). Effectively, the Basis team is able to create a "working baseline" of all essential non-transactional and Master SAP data. Because this process is managed at the client level, independent objects, such as ABAP Programs and Dictionary Structures are not affected. In addition, the impact on the change control process is lessened.
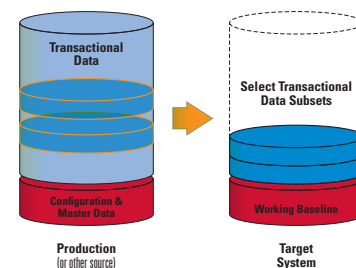

Transactional Data

Configuration & Master Data

Production (or other source)

Working Baseline

New Client Target System

— Configuration, User Master, and Master Data can be exported from Production or any client in the landscape and imported into any non-production target.

— The same export can be used to create multiple clients.

— Custom "Z" tables are easily integrated and included as part of the implementation—no toolkit or end user configuration required.

— Rebuild a DEV environment without risking the version history and even construct a true Production-like sandbox within the development client (other systems having clients created with Gold Client will require substantially less storage).

Select and replicate subsets of SAP data.

The **Intelligent Data Transfer** component of Gold Client allows application teams to quickly select and copy subsets of relevant data from Production or Non-Production sources to Non-Production targets. Process owners now have the ability to control specific selections of Master and Transactional Data for replication to Development, QA, and Training clients.

In a clear and clean export-import process, Gold Client utilizes the impressive Gold Client data type framework, ensuring full data integrity end-to-end. Process owners are able to create Scenarios defining exactly what transactional data they want from the source (such as Production). Data that meets the selection criteria and all relative sub data is exported from the source and then imported to the target—replicated exactly as it resides in the source. Data originality and doc flows are completely preserved with the Gold Client Solution. Posting dates and document numbers will be the same in the target as in the source. Data Scenarios are reusable, extendable, and dynamic; the same export can be used for multiple clients or a quick reload.

Transactional Data

Configuration & Master Data

Production (or other source)

Select Transactional Data Subsets

Working Baseline

Target System

— Relevant test data allows Unit Testing before transporting a change.

— More effectively troubleshoot a Production problem outside of the Production environment.

— Testing Teams can work with real Production Master Data for all test cases.

— Build upgraded training clients fast.

— Make use of real Production Data to build training material, improving the efficacy of training classes.

— Responsibility of creating a test client is distributed amongst teams.

Secure and transform data.

All data exports are secure and Gold Client provides the ability to "scramble" sensitive data during the export, before it reaches the target system. The **Transformation Rules** feature of Gold Client provides extensive and powerful data transformation in a clean and easy-to-use interface, making complex scrambling functionality as easy as point and click.

The Transformation feature allows users to build and manage field level scrambling rules, which can be selected on the fly to transform or secure data at export. It is incredibly powerful and brings a whole new layer of data flexibility to Gold Client.

— Sensitive data can be "scrambled" or "masked" to preserve data security in potentially less secure systems.

— Default rules can be established and made mandatory so certain data is always transformed at export.

— Users can easily create and manage their own transformation rules to transform data in multiple ways: Blank, Fixed Value, Random Number, Random Date, List, Derived, Reference or Custom Function.

— Gold Client is delivered with many standard Transformation Rules which can used straight out of the box, modify or copied with the click of a button to be used as the base for a new rule.

Sync data subsets across SAP applications.

The **Connector** brings the ability to keeps data subsets from Gold Client in sync across all supported SAP applications.

The Connector functionality automatically exports the relevant data on parallel systems at one time, keeping the data subsets in sync and saving significant time and effort.

— Automatic exports in ERP, HR, CRM, GTS and SRM.

— Connector can be configured to have multiple SAP applications connected to the source application.

Benefits for the entire project team.

Technical Teams can more efficiently handle system and client refresh requests from the business units. Weekend workload for the Basis team can be reduced, as the Gold Client refresh process is more hands-free. Additionally, change control remains undisturbed as the practice of copying databases can be abolished and storage require-ments are eased. The practice of copying the Production database throughout the landscape can be lessened or abolished.

Development Teams become empowered with a proven solution to rebuild a stale DEV environment without risking the version history. Relevant test data allows effective Unit Testing before transporting a change. Relevant data in the Development systems also enables the practice of functional unit testing in the DEV system (fewer transports).

Functional Analysts yield unlimited power in targeting and isolating specific transactional data with the ability to replicate user-defined subsets of Master and/or Transactional data from PRD (or another source) for use in non-production clients. Gold Client ensures identical replication of the data, completely preserving document numbers and posting dates so that historical data remains intact (particularly important for Financial Teams).

Testing Teams can work with real Production Master Data for all test cases. Safe, real world, script testing can be executed on actual production data and improve the reliability of testing results. Plus, smaller Test systems can be created, resulting in faster response times and better performance in the Test environment.

Training Teams can build training material with real Production data and users have the luxury of working with data they will actually use in the SAP world. Smaller clients may enable multiple classroom clients within a single Training instance for simultaneous training.

Auditors will rest easier with the reduced risk of having critically sensitive data replicated to multiple, less secure environments. Combined with scrambling options, Gold Client can help an organization improve its compliancy.

The Gold Client
Evolution

Hayes Technology Group is an SAP professional services and software development company that was incorporated in 1998. Early on, Hayes offered top tier consulting services to some of the largest ERP environments in the United States and quickly identified the need for alternative client refresh solutions as SAP projects matured. Hayes envisioned a method for delivering better, faster, smaller SAP data across the non-productive landscape—they envisioned the Gold Client Solution. In 2000, Hayes Technology Group developed and released Gold Client with the Refresh Alternative component to create a working baseline of Configuration and Master data for non-productive systems. After remarkable initial success and several years of real world experience with the SAP data model, the Intelligent Data Transfer component was developed and released with Gold Client. The Intelligent Data Transfer component, with the power to replicate select subsets of master and transactional data from productive or non-productive sources to non-productive targets, opened a whole new world to SAP project teams.

Continuing to Pave the Way
in Data Innovation

Today, SAP customers around the world utilize Gold Client to manage their SAP application data, build supporting landscapes, and conduct upgrade testing. As a result, their projects are benefiting from improved test data quality, restored development integrity, and reduced time and hardware expenditures. Based on years of implementation experience with some of the most complex and unique SAP environments, the Gold Client data type configuration library is second to none and ensures full data integrity end-to-end. Gold Client is a market leading data management solution, now spanning ERP, BW, CRM, GTS, HR and SRM. Hayes Technology Group continues to pave the way in data innovation by making data management faster and easier than ever before.

SAP® Certified
Powered by SAP NetWeaver®

Gold Client is powered by

HAYES TECHNOLOGY GROUP

www.goldclient.com