Business Intelligence and Reporting

COINS Business Intelligence is a comprehensive and ever growing suite of tools, applications and technologies for gathering, storing, analyzing, and providing access to data to help you make better business decisions.

BUSINESS INTELLIGENCE

Howard Dresner, a Gartner analyst, popularized Business Intelligence (BI) as an umbrella term to describe a set of concepts and methods to improve business decision-making by using fact-based decision support systems.

COINS Business Intelligence allows querying and reporting, online analytical processing (OLAP), statistical analysis, data mining, and data warehousing. Information can be presented in textual or graphical reports, screen inquiries, and dashboards, all of which are fully integrated to COINS.

COINS BUSINESS INTELLIGENCE TOOLSET

The integrated Business Intelligence tools in COINS are supplemented, supported by, and in turn support COINS Open Architecture (OA) and standard functionality:

→ Designer.

→ Data Sets.

→ Data Marts & Multi-Dimensional Inquiries.

→ OA Data Server.

→ With links to COINS Report Writer and Workflow.

STRONG FOUNDATION

The COINS Business Logic layer is the underpinning of the COINS Business Intelligence solution. The Business Logic layer simplifies and extends the view of the COINS database.

COINS Business Intelligence is supported by the full capabilities of the COINS OA user interface:

→ Provides standard COINS security features.

→ Fully controllable using COINS security model.

→ Download from browse inquiries directly into Microsoft ® Excel®.

→ Use of Mail Merge functionality with documents, CSV files, and email.

The capabilities of COINS OA's reporting technologies are also available to COINS Business Intelligence:

→ All output industry standard to PDF, XML, CSV, and XLS formats.

→ Distribution via email, fax or networked COINS printer.

→ Background, foreground and delayed printing options.

→ Urgent reporting and Report Queue management.

→ Customization of report layout, styles, fonts, and logos.

→ Full scheduling capabilities.

→ Save reports with defined selection criteria at a User and Group level.

→ Report archiving.

→ Use of email, SMS, and alerts.

DESIGNING A SOLUTION

Using COINS Business Intelligence is about designing and building a solution for a particular requirement, process, or function within your business.

Each solution is designed using the comprehensive suite of BI and Reporting tools that are integrated into standard COINS functionality. Using your own resources combined with those of COINS (to include consulting, training, documentation, and other sources of information), we can provide a solution that can evolve and grow with your business.

Whether you regard business intelligence and reporting as integral to your enterprise's operations or occasional to meet a specific requirement, COINS can offer you a solution.
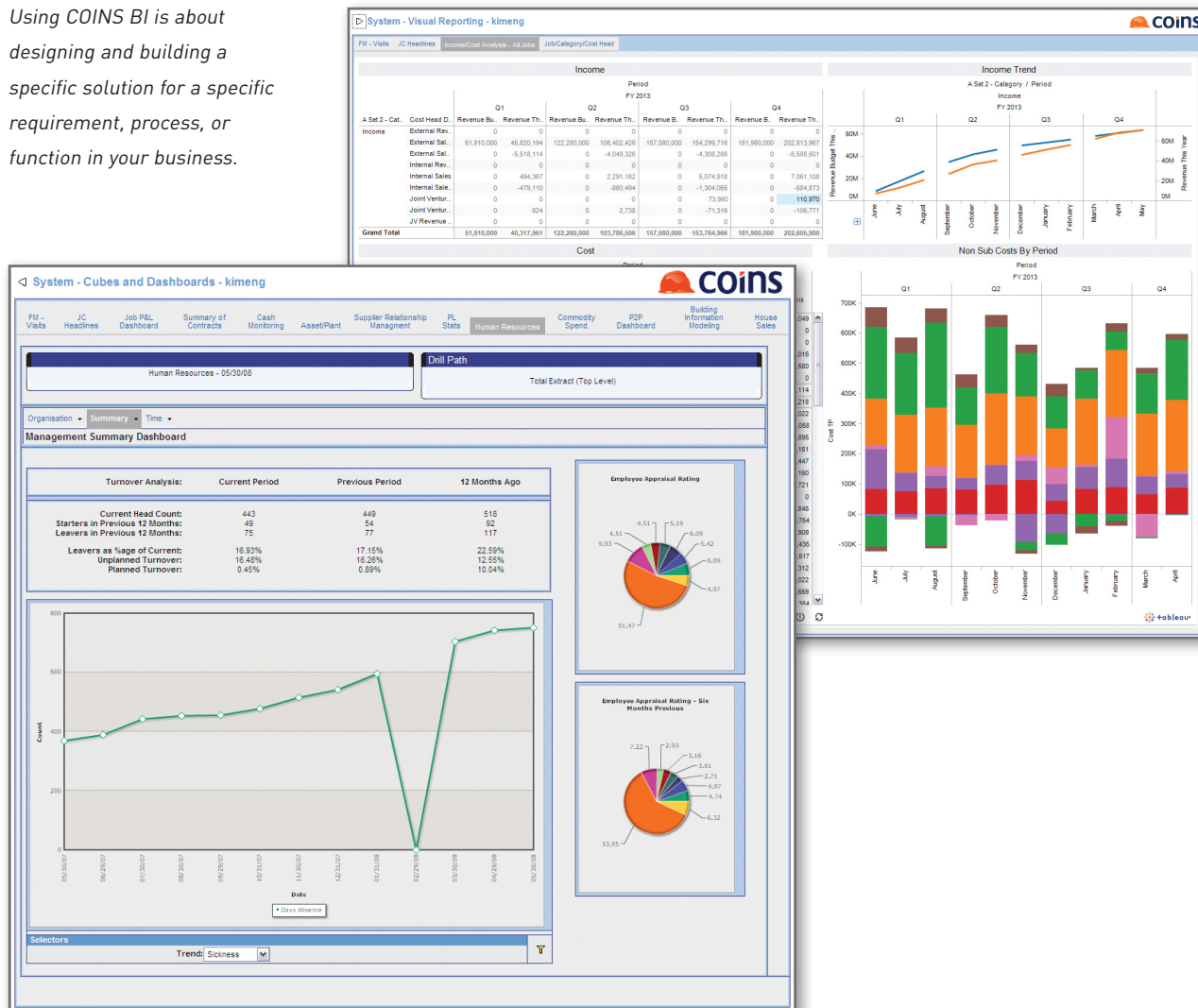
COINS BUSINESS LOGIC

Intrinsic to the COINS OA interface, COINS Business Logic provides the technology to access the COINS Database using a variety of means. It provides security, validation, and calculated data for use by the full COINS Business Intelligence toolset:

→ Security: no matter how a user accesses COINS data through the Business Logic Layer, security is applied to Menus, Functions, Contracts, GL Accounts, Cost Heads, etc.

→ Validation: the Business Logic Layer ensures that standard COINS validation is carried out on any data transaction – no matter what the source.

→ Calculated Data: the key to the power of the BI and Reporting tools. The Business Logic layer provides access to calculated, summarized, and basic information without the need to incorporate complex queries and logic into the reports themselves.

Using COINS BI is about designing and building a specific solution for a specific requirement, process, or function in your business.

Construction Industry Solutions