RIB | BuildSmart

Cost Management and Enterprise Accounts

Driven by transformative digital technologies and trends, we are committed to propelling the industry forward and making engineering and construction more efficient and sustainable.

Throughout our 60-year history, our business has expanded its global footprint to incorporate more than 550,000 users and 2,600 talents, with the vision of transforming the operation into a worldwide powerhouse and providing innovative software solutions to our core markets – while placing our people at the heart of everything we do.

Managing the entire project lifecycle, from planning and construction to operation and maintenance, the development of our portfolio of software solutions is driven by industry expertise, best practice and a passion to remain at the cutting edge of technology.

Ultimately, we aim to connect people, processes and data in innovative ways to ensure our customers always complete projects within budget, on time and to a high quality, while reducing their carbon footprints.

RIB Software is a proud Schneider Electric company.

RIB | CanBuild

Managing the entire Construction and Engineering process

RIB | BuildSmart

Construction Cost Management and Enterprise Resource Planning (ERP)

RIB | Candy

Estimating, Planning & Project Control

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BUILDSMART

ENTERPRISE MANAGEMENT FOR CONSTRUCTION & ENGINEERING

BuildSmart is a fully integrated, web-based, enterprise management system providing industry aligned information to construction & engineering companies across the globe. BuildSmart integrates Costing, Project Accounting and Enterprise Accounting for real-time analysis and effective management of construction & engineering businesses. BuildSmart includes various functionalities specific to a contracting business, for example IFRS 15 (IAS 11) profit recognition, management of sub-contractors as distinct from creditors, retention payment management and earned value management.

RIB understands that value is leaked or lost across the entire project lifecycle, where labour costs and plant & equipment management represent the largest areas of potential risk. These risks are all managed through BuildSmart, where BuildSmart leverages the benefits of best practice and years of experience in the contracting industry, so that it allows any contracting organisation to immediately gain a competitive advantage.

KEY FEATURES

- Procurement
- Enterprise Accounting
- Subcontract Management
- Plant & Equipment Management
- Inventory Management
- Payroll
- Cost Reporting
- Business Intelligence
- Electronic Approval System (EAS)
- Unlimited* workflows for all business processes
- Unlimited* approval trees and hierarchies
- User-defined parameters
- IFRS Compliant

BENEFITS AT A GLANCE

- Fully integrated software solution eliminating departmental silos
- Web based solution allowing real time global access to a central system providing immediate accurate and powerful decision making information
- Multi-location, multi-currency and multi-organisational enabled
- Control of budget at both quantity and value level
- Transparency and Data integrity
- Excellent reporting and analytics
- Significant time-savings
- Bi-directional integration with Candy to allow accurate and easy Actual vs. Allowable reporting
- Mobile functionality
- Concurrent user license access
- Eliminate paper usage and manual processes

"With the risks and costs involved in deploying ERP systems, selecting the right people to partner with is as important as the right products - RIB definitely fulfilled both criteria. We've been able to develop effective project cost control for construction projects, that has not been possible to do with previous systems implemented."

- Mr. Mubarik Hussain, Head of IT, Petroserv Limited

PROCUREMENT

Our procurement system is fully integrated with our Candy software.

BuildSmart's procurement module provides strict control of procurement processes, to manage the complete requisition - purchase order - delivery - invoice reconciliation - payment cycle. BuildSmart procurement is seamlessly integrated with Candy, working directly with the Candy's shopping list.

SITE REQUISITIONS

Enables staff in remote locations to place requests for requisitions on the buying list. The format is free text and allows the buyer's reply and comments. The site requisition can be re-directed to another buyer for expedition. Site staff can track the progress of the requisition. A simple login to the system will reflect the current situation.

STANDARD REQUISITIONS

Items for procurement can be selected either by organisation, or by contract, using pre-determined pick lists. The list can be downloaded from existing estimating systems in case you are not using Candy software. The requisition can also access supplier product databases for product information and prices. The product databases can be pre-loaded from supplier defined catalogues.

INVOICE RECONCILIATION

An invoice reconciliation module matches deliveries with invoiced figures and posts to Accounts automatically.

SUPPLIERS

Suppliers can log in to the system from any location after security control procedures, and view their purchase orders. They have the ability to qualify the orders, accept or reject line items, and send qualification text to the buyer organisations. In this way, both buyers and suppliers are kept informed in real time of the status of their orders.

PURCHASE ORDERS

The requisition undergoes an approval process, followed by the supplier receiving a purchase order via fax, email, or on-line. Details containing delivery addresses, invoice addresses, full item descriptions, units of measure and discount details are displayed.

DELIVERIES

Each delivery captured on the system will produce costing information for inclusion into standard accounting packages. The BuildSmart accounts system uses this information to produce cost accruals into the cost ledger.

MULTI-USERS

The system caters for multiple organisations and is fully multi-user and multi-currency enabled.

REQUEST FOR QUOTE COMPLIANCE

The system accepts input from the Request for Quote system, and produces an automatic requisition to the buyer.

ACCESS

Using the latest technology, the system will allow access through a local area network, or wide area network as an Intranet or Extranet application. Users can obtain access from any enabled workstation using a dialup or direct connect Internet connection.

> "The 'Shopping list' has changed our business and added a whole new dimension giving us complete control of what we purchase. The flags are raised and the right questions asked at the right time..."
>
> Mr. Ben Swart, Commercial Manager, ALEMCO

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ELECTRONIC REQUEST FOR QUOTE

This function is designed to enable contractors to obtain pricing details for new projects in an instant.

The system allows you to easily attach Bills of Quantities and related documents as part of the electronic request for quotation (eRFQ). This implies that you can forward the 'request for quotation' with a click of a button, either by fax, or by e-mail or if required, accessed on-line by the supplier himself.

The system makes use of standard, freely available Internet technology and does not require any special software to function.

Estimators and buyers can collaborate by sending extracts from 'Bills of Quantities' to any category of supplier. The suppliers can also be assigned to more than one category and can be activated or de-activated for specific eRFQ's. The buyer-supplier relationship remains intact.

Suppliers select their own method of receiving eRFQ's, enabling those without Internet connectivity, to elect to receive their eRFQ's via email or fax.

Buyers and suppliers are informed of incoming eRFQ's via email or SMS.

When sending eRFQ's, the system automatically selects suppliers according to their category, and delivers the eRFQ based on the method of dispatch selected by the supplier.

The buyer may at any stage obtain information regarding the status of eRFQ's.

FORMATTING DOCUMENTATION

A cover page, relevant terms and conditions, electronic Bill of Quantities, related documents, and individual line items, can be included with the eRFQ in most standard document formats.

The supplier receives only his list of eRFQ's, sorted by initiator (contractor) and at the click of a button can access all documents.

CONVENIENT COMPARING

Suppliers can prepare prices, attach terms and conditions, and return the eRFQ on-line at their own convenience. Complete Security Information is totally secure for both buyers and suppliers, and their related data is stored independently. User login names and passwords ensure that information is accessible only to the intended recipient.

KEY FEATURES

- Paperless response to requests for quotations
- One login to multiple contractors/buying organisations
- No special software requirements
- In use by major construction organisations
- Exposure to large buyer community
- Major improvements in tender processing efficiency
- Secure document storage and backup
- Full transaction logging and tracking

ENTERPRISE ACCOUNTING

The BuildSmart Accounting module is the core of our system, as it is the link to all of our other modules. This allows our system to be the most powerful and best suited one for the contracting industry.

Accounts			
Ledger	Balance Sheet	Contract	Plant

LIVE costs are fed into our four Accounting Ledgers namely, Overheads Ledger; Balance-Sheet Ledger; Contracts Ledger and Plant Ledger. This results that there is no need to separate site-costing from accounts. All postings to and from the Cost Ledger are also handled automatically by the system. The cost ledger is balanced with each posting. The ledger structure is user-definable and the control codes can be set up to trigger any event. The system caters for any organisational structure, with the addition of division, project, contract and activity costing.

SOFTWARE

Web based architecture (ASP/.net Technology) Powerful Sequel Server database

UNIQUE CONSOLIDATION ABILITY

Separate work-in-progress ledgers that consolidate into control accounts

MULTI-USERS

With multi-user access, multi-company (with consolidation), multiple accounting years and multi-currency capabilities, the system caters for the most demanding of accounting environments.

BuildSmart Accounting makes use of leading edge technology and offers the user unparalleled Wide Area Network access using dial-up or direct-connect lines.

USER ACCESS

User access is set up by organisation, and individuals can be given certain rights and privileges unique to the organisation and individual. The menu screen may be adjusted to the user and display only the menu items permissible to the user.

REPORTING

Reporting is quick and efficient with Crystal Reports©, and includes a large number of standard reports. In addition, the introduction of user defined reports to the menu allows the user almost unlimited flexibility.

SYSTEM ACCESS

Using suitable Internet connectivity and access security, accessing the system from any location worldwide is easily accomplished.

KEY FEATURES

- Valuation Cost Ledger
- General Ledger
- Creditors
- Debtors
- Subcontractors
- Plant & Equipment Management
- Stock Management
- Fixed Asset Management
- Cash Book

- Bank Reconciliations Creditor/Sub Contractor Cheques Remittance Advices
- Debtor Invoices
- Plant Hire Invoices
- Business Intelligence
- Document Management
- Costing Reports
- Cost vs Allowables reports

"The discontinuance of double capture of all information has allowed us to close off a month's accounts by the 7th of the following month. Since the implementation of BuildSmart, I am not aware of any overtime being needed."

Mr. Craig Morris,
Financial Director Stefanutti Stocks,
Roads Pipelines and Mining Services

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SUBCONTRACT MANAGEMENT

Our Subcontractors module caters for both Labour-only and Independent Contractors.

Subcontractors may be an ideal solution to the operational needs of a project but only when there is an effective management system in place. There are legal obligations to adhere to, subcontractor progress measures to manage, and payment to monitor. All this, and more, requires a dedicated focus on subcontractor management, efficient processes, and streamlined communication. Effective tracking of advance payments, subcontractor reconciliation, reporting, and retention and release dates are just a few of the benefits of using subcontract management in BuildSmart. With a variety of features coupled with full integration with Candy Subcontractor Management, this is the ideal software for construction companies who are looking for effective subcontractor management and timely and accurate data.

BENEFITS AT A GLANCE

- Track Advance payments

- Track Retentions and due/release dates

- Monitor and Report on Subcontractors per Contract (individually and or consolidated)

- Knowledge of one source of truth when integrating valuations with Candy

- Significant Time savings between Commercial and Finance Team

- Concise understanding of exact Subcontractor commitments

KEY FEATURES

- Separate Subcontractor Ledger

- Multiple packages possible per Subcontractor

- Subcontractor Progress

- Subcontractor Certificates & Applications for Payment

- Contra/Back Charges, Retentions, Advance Payment Control

- Provisions from Cost to Complete

- Report Manager

- BEE Status

- Integrated with Candy Subcontractor Management

"Their continuing commitment to upgrading and improvement has always maintained RIB as a contractor's system at the leading edge of technology"

Mr. Mike McAra, Head of Estimating, Concor Engineering

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PLANT & EQUIPMENT MANAGEMENT

Asset depreciation and loss can significantly reduce a company's worth, delay projects due to unexpected issues, and negatively affect productivity. It is therefore essential to manage these items, as whether the Plant item is standing idle or being used, it is costing any construction company major expenses.

Our Plant Management system caters for both known methods of handling Plant items namely SMR (Service Meter Readings) or Hourly Readings. Job Cards can be issued to specific Plant Items in order that the cost specific to that Plant Item can be monitored. In turn this cost will be booked to the contact that the specific Plant Item belongs too, ensuring that all costs like Labour and Overheads are costs to the specific division or project. This is possible because there is a Plant Leger resident in the Accounting system.

BENEFITS AT A GLANCE

- Fully integrated with the other BuildSmart modules

- Accurately track & safeguard your assets

- Excellent asset lifecycle management

- Operational and maintenance excellence

- Plant Availability and Utilisation reporting

- Plant Service scheduling and breakdown monitoring

- Maximise asset utilisation to boost your efficiencies and ROI

KEY FEATURES

- Full Workshop & Job Card system for internal and external works including MRP

- Monitor & Manage Asset Productivity

- Fuel Management

- Enterprise-Wide Visibility

- Internal and external Plant hire

- Depreciation & Warranty Information

- Usage History, Costs, Billing Rates, & Repair History

- Multi-Currency, Multi-Company feature

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INVENTORY MANAGEMENT

One of the many challenges that construction companies face is the ever changing quantities of available stock in different locations and site stores.

Driving profitability is a major challenge in an asset-heavy industry such as construction but with BuildSmart's Inventory Management module, you can easily control and optimise stock levels and minimise capital, resulting in more effective project management and hence maximising profit. Ensuring you have the right assets at the right time as well as providing reliable reporting, this module reduces waste, saves time, and lowers risk for a construction inventory management system that is second to none.

BuildSmart's Inventory Management module is very flexible and practical as it allows for the creation of as many site stores as is required per contract and in turn enables the issuing of stock in and out of site stores over multiple contracts and projects. BuildSmart's Inventory Management module lowers the financial risk of inventory management in the complex environment of construction & engineering projects.

BENEFITS AT A GLANCE

- Fully integrated with the other BuildSmart modules
- Optimised inventory management
- Web-based system, accessible from anywhere, anytime
- Detailed reports provide clearer insight into organisations resources at any point of time
- Reduces warehousing costs, administrative overheads, etc.
- Reduce paper usage and manual processes
- Significant time saving

KEY FEATURES

- Multiple Stores
- Central Stores
- Virtual Stores
- Site Stores
- Internal and External Hire
- Internal Store Transfer
- Transfer Notes
- Maintain Stock Levels
- Stock Re-evaluations
- Stock Takes
- Formwork/Scaffolding/Small Tools Management
- MRP module
- Bar Coding

"Contrary to the manpower addition seen during other software implementation, we have actually reduced the head count in Purchase, Accounts and Stores post implementation. The advantage we find in BuildSmart is the construction industry specific plug and play features, be it in terms of yard store mechanism for pro-rata write off of project site establishments or in terms of hire charge debits etc."

Mr. Narayan Neelakanteswaran, Executive Director, Capacit'e Infraprojects Limited

PAYROLL

Our payroll system is also fully integrated into the accounts and therefore you are able to see your labour cost as soon as you capture it.

Using the latest database technology, employee data is stored and available for historical viewing at any time. All runs are stored in detail. No need for restoring old pay runs for viewing. Simply select the period and run in question and view the information.

SECURITY

The system caters for multiple users and role definitions. Users are allocated roles in payrolls and are given access to only those features permitted. Each user has a profile in the payroll and can only execute those features allotted to the user. All processes are recorded in the payroll log, all amendments to fields and entry and exits to processes are recorded and can be viewed by the payroll administrator.

SETUP

The system comes loaded with all tax tables for the applicable country. Stamp sets are preloaded and standard earnings deductions sets are available to use as is, or can be modified to suite.

INTEGRATION

Information relevant to the payroll contained in the accounts and procurement modules are immediately available to the payroll. Projects, contract, divisions, activities and ledger codes are fully integrated. Changes made in the other modules are available without the need to import any data from these systems.

Automatic postings to cost ledger and general ledger occur without the need for user intervention. The self-balancing process ensures that costs are accurately posted and the corresponding postings are done to the ledger system. Contact us for a no-obligation demonstration and quotation.

BENEFITS AT A GLANCE

- Fully integrated with the other BuildSmart modules
- Increased efficiency and accuracy in the Payroll process
- Activity based costing for all labour expenses
- Highly configurable earning and deduction calculations
- Simple excel based imports for employee hours and earnings
- Immediate accrual contract activity costs
- Direct posting of payroll costs to the ledger
- Data security

KEY FEATURES

- Unlimited Employees & Payrolls
- Country Specific
- Unlimited Earnings & Deductions
- Standard, User & Statutory Calculation & Reporting
- Offsite Batch Capture & Import
- Flexible payroll types, pay periods and earning and deduction sets
- Payslip production for all conditions
- User-defined parameters
- Integrate with site clock card system

> "RIB delivered more than we expected in a very short time frame. As part of the implementation process, the team ensured thorough knowledge transfer. This has enabled BK Gulf to realise the full benefits of the products immediately. We certainly made the right decision for our business by choosing RIB as our business partner."
>
> Mr. Luke Ashe, Commercial Manager, BK Gulf LLC

COST REPORTING

BuildSmart makes it possible to accurately compare actual costs to anticipated project costs in real-time, allowing for timely management interventions and leading to improved margins and a competitive advantage.

As one of the most important factors in ensuring a project is delivered within budget, cost reporting becomes much more efficient with this BuildSmart module. Combining an innovative real time cost reporting system of project/activity based costing with the ability to generate cross modular reports for sound decision making, this tool reduces the need for a separate reporting system. Accessible at any time, real time comparisons can be made at the touch of a button bringing all the information together for an integrated solution that works across multiple companies, projects and currencies, mitigating risk and ensuring your project is delivered as per the original estimate.
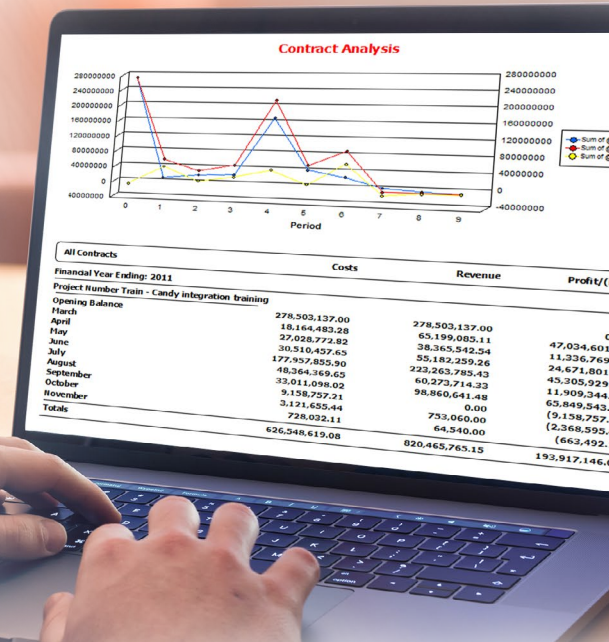
BuildSmart's real time cost reporting capability ensures that the latest activity based costings and updates are readily available when required. BuildSmart makes it possible to accurately compare actual costs to anticipated project costs in real-time, allowing for timely management interventions and leading to improved margins and a competitive advantage.

KEY FEATURES

- Projects, Contracts/ Activity Costing
- Actual and Accrued Costs for cost comparison
- Separate contract ledger to consolidate project costs
- Snap Shot Functionality
- In System Commercial Controls
- Real Time Comparison
- Plug & Play Cost Reports or Client Specific
- Integrated With Candy Allowables
- Two way information sharing with Candy cost modeling and valuations
- A powerful database

BENEFITS AT A GLANCE

- Cross-Modular Reports show you the complete picture arming you with holistic information to make informed decisions
- Multiple company consolidated reports and multi-currency translations
- Full, configurable Financial reporting to Balance sheet
- Reporting capabilities eliminate the need for a separate reporting tool

BUSINESS INTELLIGENCE

An analytics tool that enables you to create business reports quickly and easily. You'll be able to explore and analyse your business data in just minutes with ConnectBI.

The successful growth of any business is not just reliant on the latest business intelligence but being able to adapt quickly to that information. Missed opportunities can cost a company thousands, simply due to the time it takes to obtain, analyse, and present data. Construction reporting solutions such as our Business Intelligence application is able to quickly and accurately transform raw data into concrete information that can be used as a solid foundation to capitalise on opportunities and speed up the decision making process.

Connect BI offers powerful report writing functionality and the freedom and flexibility to generate customised and automated Excel reports.

These reports, often for management packs, can be formatted in exactly the way required and provide the data for graphic dashboard displays.

TRADITIONAL PROBLEMS SOLVED WITH CONNECT BI

Although an estimated 30 million people utilise Microsoft Excel regularly, most suffer from the symptom known as Excel leakage. This inefficiency refers to the productivity lost via manual and repetitive report preparation tasks associated with the export to Excel, or "cut and paste".

The construction industry is particularly dependent on Microsoft Excel with millions of spreadsheets all harboring vast amounts of effort by way of formulas and formatting. Connect BI is an Excel reporting that allows a business to enhance the benefits available via Excel, while removing the leakage commonly associated with its use.
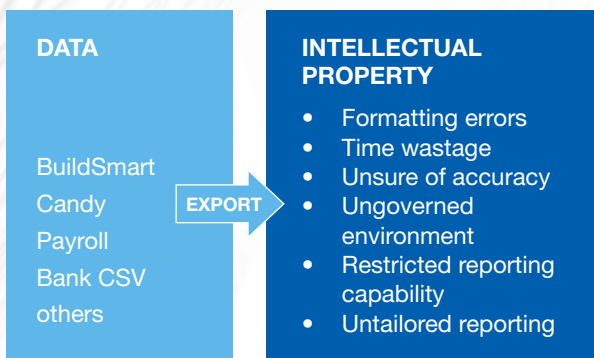
KEY FEATURES

- Enterprise Wide
- Data Mining & Reporting
- Automated Cost Reporting
- Dash Boarding
- Produce Management & Board Packs
- Data Integrity & Audit Trail
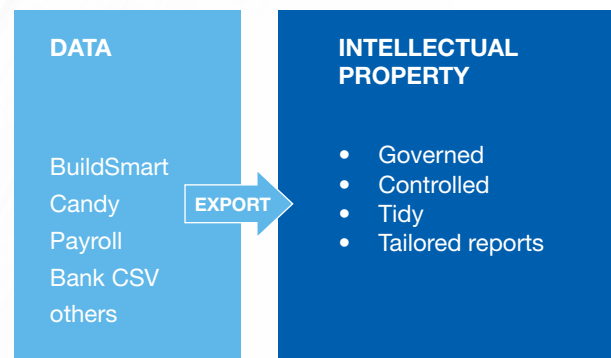- Customised Presentation Reporting

BENEFITS AT A GLANCE

- Right management information at the right time to make the right decisions
- BI dashboards for a real-time graphical overview of the entire organisation
- Easy and quick access to critical data for effective decision making
- Advanced customisable & role-specific dashboards put you in charge of what you see, and how you see it
- Data-driven decision making for significant business growth
- Analyse historical as well as real-time data to identify future business opportunities and potential threats

TRADITIONAL EXPORT TO EXCEL

DATA

BuildSmart
Candy
Payroll
Bank CSV
others

EXPORT →

INTELLECTUAL PROPERTY

- Formatting errors
- Time wastage
- Unsure of accuracy
- Ungoverned environment
- Restricted reporting capability
- Untailored reporting

EXPORT TO CONNECT BI

DATA

BuildSmart
Candy
Payroll
Bank CSV
others

EXPORT →

INTELLECTUAL PROPERTY

- Governed
- Controlled
- Tidy
- Tailored reports

WHO WE SERVE

Estimators
• Higher success rate on budgets, bids and estimates • Reduced risk of mistakes due to improved accuracy • High-speed calculation allows rapid assessment of alternative strategies • An easy-to-use, all-in-one system resulting in quick turn-around time on estimates

Planners
• An easy-to-use, all-in-one system for scheduling and planning • No more time-consuming manual checking • Better decision making due to accurate analysis • Integrate with Estimate for Forecasting and Cashflow

Commercial & Project Delivery Team
• Seamless continuity between estimating and post-tender commercial control • Real-time analytics, cost reporting and dashboarding • Timeous, effective and powerful decision making based on real-time, accurate information in one click

Procurement Manager
• The complete procurement process in one system • An effective communication tool for both buyers and suppliers • Real-time order status and inventory availability information • Web-based, accessible from anywhere, anytime

Accounts Department
• A simple-to-use, all-in-one system with multi-user access and role based permissions • Multi-company, multi-currency features for global compatibility • Real time costing with live accrual allocation • Inter-company transactions, reporting and consolidations

Plant and Equipment Manager
• Tailor equipment management to your needs - by location, availability, utilisation and costs from multiple workshops • Accurately track & safeguard your assets • Maximise asset utilisation to boost your efficiencies and ROI

Stores Manager
• Web-based system, accessible from anywhere, anytime • You save time and money through better inventory organisation • Quickly see and react to surplus inventory • Detailed reports provide clearer insight into the organisation's resources

Payroll Manager
• Handles even the most complex calculations • Flexible payroll types, pay periods and earning and deduction sets • Informative and instantaneous reporting • User-defined parameters

HR Manager
• All employee data in one place • Electronic Approval System (EAS) and Employee Self- Service (ESS) facilities • Mass capture facility • Camp Management • Allows for accurate statistics and reporting across groups, companies and payrolls

C-Level and Executive Management
CEO, CFO, COO, GM, Commercial Director, Contracts Director, Owner, President, Board of Directors Our software solutions enable you to optimally deliver the built environment and enhancing the outcomes of your business by providing you with: • Enhanced cost and schedule performance and certainty   • Increased productivity • Accurate and appropriate information in real-time   • Proactive management of project risk • Proactive management of complex projects   • Improved financial returns with lower volatility

Civil	Buildings	EPCM/Consulting	General Contractor	Industrial	Infrastructure
Marine	MEP	Mining	Oil & Gas	Power & Energy	Specialist Subcontractor

RIB

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