CONSTRUCTION TECHNOLOGY

SPECIAL FEATURE

AGD SYSTEMS AI3D BUENO CONSERVE IT HKA CONSTRUCTION SOFTWARE ECLEVA IFS ESTIMATEONE ESTIMATING SOLUTIONS GROUP INSCOPE BUILDING TECHNOLOGIES SITEOFFICE.MOBI MYBOS REALESTATE UNO FIELDINSIGHT SIGNONSITE SITEBOOK STATEGUARD APOLLO KITCHENS SAFE INTEGRATED SOLUTIONS

REALESTATE UNO

A New Way to Start Your Renovation or Rebuild

Realestate Uno is Australia's newest platform that is connecting people who are looking to renovate or build a new home.

Build your online presence with a professional profile on Realestate Uno. We are connecting businesses with local homeowners who are serious about hiring the right home professionals for their projects.

You can showcase your work and provide insight into your working style and approach. Realestate Uno is helping home building, renovating and design professionals build your brands, connect with homeowners and expand your professional networks.

Getting on board is easy. For as little as $55 per year you can connect with thousands of people who need your services.

Let us help you grow your business and tailor a package that suits your requirement. Connecting with homeowners in your area who are actively building, renovating and decorating has never been this easy.
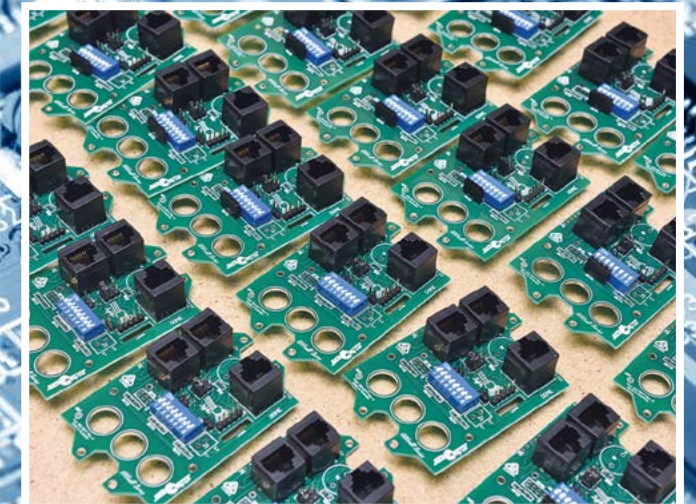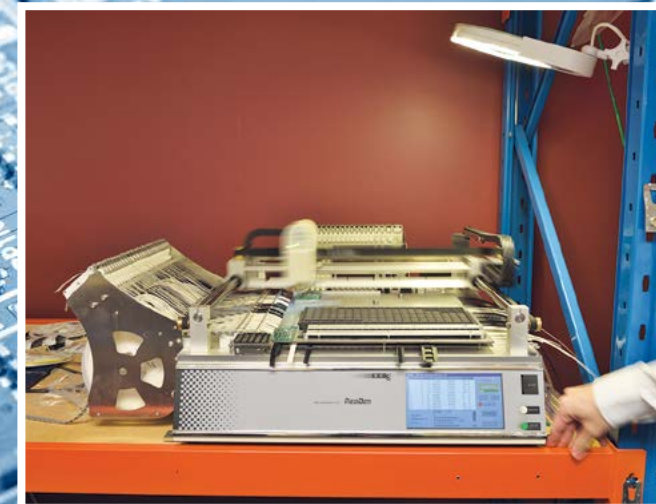
0478 074 296

admin@realestateuno.com.au

Realestate Uno

siteoffice.mobi®

Construction
made simply efficient

Australia's own cloud based
Construction Program Management software

www.siteoffice.mobi

📞 1300 623 253

✉ info@siteoffice.mobi

🐦 siteofficemobi

in siteoffice.mobi

f siteofficemobiapp

EFFICIENCY & CONTROL

According to the McKinsey report, 'Reinventing Construction Through a Productivity Revolution', the lagging construction industry is costing the global economy $1.6 trillion per year.

What is contributing to poor productivity? Paper and spreadsheets are cumbersome and inefficient modes of storage and measurement; even when meaningful information is captured, it's usually too late and has already cost time and money. Rather than viewing traditional paper and spreadsheet-based documentation as a necessary evil, construction companies should be asking how they can get better value from this data.

siteoffice.mobi mirrors existing paper and spreadsheet-based construction practices and processes for familiarity, simplicity, and ease of use. Our cloud-based software is compatible across all devices and provides users with a comprehensive suite of project management tools, including: daily costing, cost forecasting, contract management, safety management, environmental management, quality assurance, integrated program and production tracking, traffic management, and stakeholder management. It also comes with intuitive dashboards and many reporting tools. Primarily, siteoffice.mobi has been designed to improve commercial efficiency in the construction industry.

PUTTING SAFETY FIRST

SAFE Integrated Systems is an experienced one-stop-shop specialist in extra low voltage (ELV) communication systems, particularly nurse call systems and paging systems for the healthcare industry as well as security and access control systems.

The aging of the Australian population is seeing huge growth in the aged care, nursing home and hospital sector. Managing Director of SAFE Integrated Systems, Ben Pavlic said that around 80% of his company's business is in healthcare. "There is no greater priority than ensuring the safety of the older members of our society and those who are spending time in hospital. SAFE Integrated Systems provides instant call systems, both portable wearable devices and fixed installations in patients' rooms, meaning help is quickly at hand in the event of an emergency. Our systems provide 24-hour real time locating of people who have indicated they are in need of assistance."

SAFE Integrated Systems has a combined technical experience of over 100 years, including electronics hardware and software. Ben's background is in electronics engineering and since he founded the business six years ago, he has built his resources to a total of twenty people, all qualified electronics technicians or engineers.

In addition to nurse call and paging systems, the company provides radio frequency identification (RFID) systems, fire detection and emergency warning intercom systems (EWIS), audio visual systems, intercom systems, CCTV and access control and security. Their support services cover facilities throughout Australia including remote site assistance.

SAFE Integrated Systems' professionalism and expertise is best exemplified by the major contracts it has fulfilled recently. These include the Perth Stadium where SAFE Integrated Systems installed emergency call buttons in the ensuites. They have also installed systems at Royal Perth Hospital, Fremantle Hospital, aged care facilities and a number of country hospitals in Western Australia.

SAFE Integrated Systems has also installed its systems in other states and Ben has a strategy to create a national footprint for the company.

For more information contact SAFE Integrated Systems Pty Ltd, Unit 3/20 Prindiville Drive, Wangara WA 6065, phone 1300 723 326, fax 08 6323 1810, email sales@safesystems.com.au, website www.safesystems.net.au

EstimateOne™

We're working to better connect the construction industry

EstimateOne creates **intuitive, web-based tools** that better connect the commercial construction industry.

More than **40,000 construction professionals** across Australia already trust EstimateOne to find, win and deliver more work.
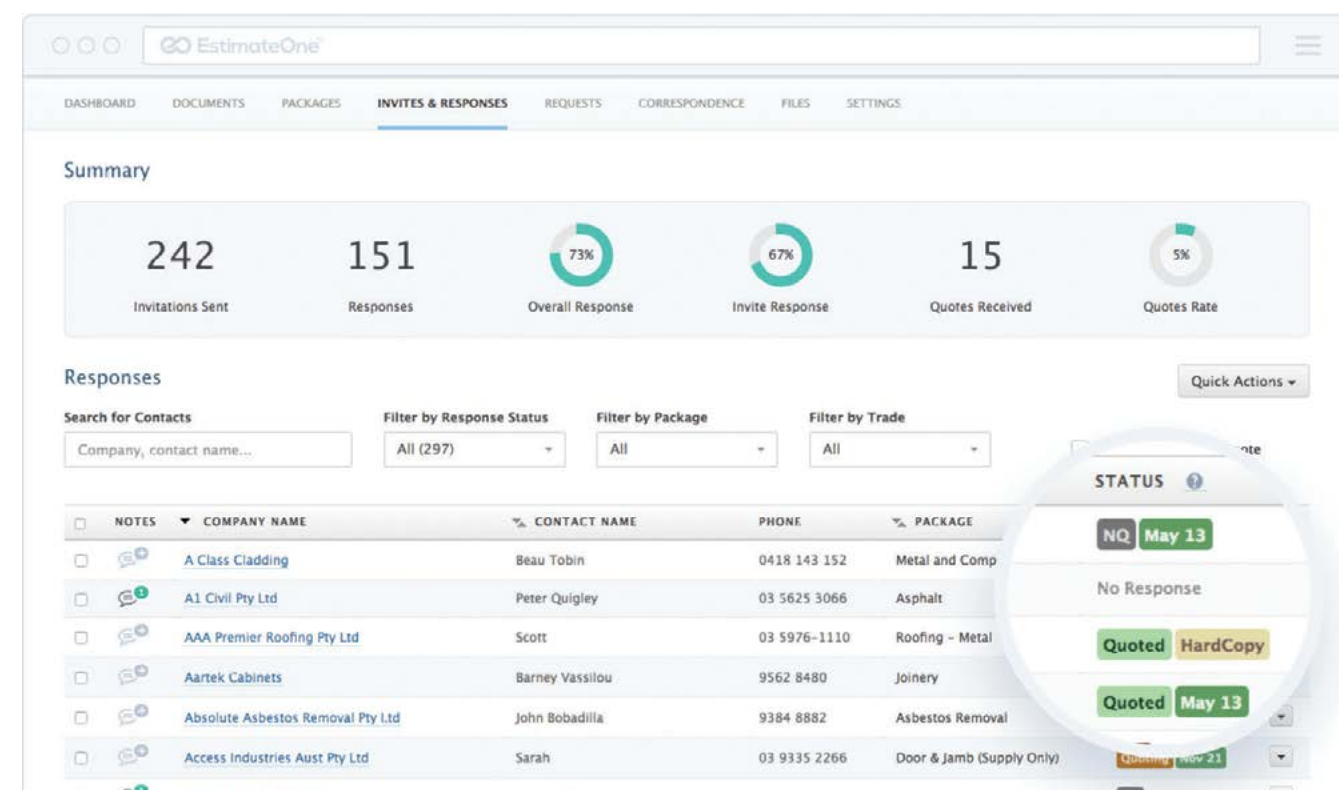
Trusted by leaders in construction

Buildcorp · HUTCHINSON BUILDERS · KANE · Northerly COMMERCIAL · PROBUILD

Software built by construction professionals, for construction professionals

Simple & easy to use
We pride ourselves on our user experience — Simple to learn, use, and attractive to boot.

Automate the low-value tasks
Free up your time to spend on more high level activities.

Built by the industry
Built by estimators, for estimators. Our workflows mirror those you're used to.

Always reliable
State-of-the-art technology, servers based in Australia, and has > 99.9% uptime.

The market leader
More than 200,000 RFQs issued in the last 12 months, across $56 billion worth of work.

Australian made
We understand that a local presence allows us to build real relationships.

Get started today
Call **1300 705 035** or visit **www.estimateone.com**

USHERING IN THE FUTURE OF KITCHEN MANUFACTURING

In 2018, Apollo Kitchens is celebrating 50 years. With half a century of success and achievement on the record books, it is not resting on its laurels but implementing strategies that will harness new technologies and provide an engine for growth for the next decades ahead.

Apollo Kitchens has opened a 'Smart Factory' in Western Sydney, to take the business into the Industrial 4.0 era, the term used to describe the fourth Industrial Revolution which embraces automation and data exchange in manufacturing technologies.

Peter Bader, Managing Director of the Apollo Kitchens Group, said that the transition to the Smart Factory concept represents a substantial investment in research, capital and the future. "We asked ourselves 'what sort of factory do we want to take us into the next 50 years?' Technology has moved at a great pace and many advancements have occurred overseas, so we constantly are engaged with the leading technology and wood working systems manufacturers globally and we decided that the time was right for the next quantum leap in delivering a project of this size and magnitude in Australia."

The result is a factory that will revolutionise Apollo Kitchens' production method and capacity. It involves unique system grade machinery communicating with each other, the use of cloud data storage, ERP (enterprise resource planning) software and the 'internet of things' technology, a network of physical devices like vehicles and appliances which are all embedded with tools to enhance connectivity and the exchange of data in real time.

Peter Bader said that the introduction of new systems, particularly the migration to a full manufacturing resource planning system (MRP), required an increased amount of training, however has brought many benefits to the company and the staff.

"Our previous systems could no longer keep up with the growth of our operation. We were able to transition some of our existing processes into the new systems and streamline others. Every part of the business has gained advantages, from customer relationship management to finance where we can delve into the metrics and find the true costs of production and how to plan accordingly."

Apollo Kitchens is a market leader in its field of kitchen design, manufacture and installation. It operates primarily in the residential sector via the showrooms, project home builders and large multi-story projects.

Proudly Australian, "we are giving people a reason to buy Australian and keep manufacturing on our shores. Our product is high quality and we provide an exceptional customer centric service." Peter explained. "By using smart technology, we can support our clients and grow Australian manufacturing."

Economic growth in New South Wales is providing an upward trajectory in home and apartment construction that is forecast to continue. From an employment perspective at Apollo Kitchens, Peter sees great opportunity and increased skills development. "If we are doubling the number of dwellings being produced, we need double the number of installers, cabinet makers and machinists. Behind this growth, we need world class technology and systems to manage the entire process. That is why we have invested so heavily in the 'Smart Factory' and the systems underlying every part of our operation. We will never remove the need for site personnel as they deliver exemplary customer service."

"We are proud to be an early adopter and acting as a disruptor in the industry, driving change across the whole industry," Peter said. "We are inviting everyone to join this exciting journey from our staff, to our suppliers and our valued current and future clients. Our clients demand the best and we have invested and planned this next generation capability in an attempt to achieve this mantra expected."

APOLLOKITCHENS

For more information contact Apollo Kitchens, 17 Long Street, PO Box 2558, Smithfield NSW 2164, phone 1300 908 090, email sales@apollokitchens.com.au, website www.apollokitchens.com.au

Streamlining Australian HVAC Companies for Growth

HVAC is a Hard and Complex Business, keeping Cashflow Positive and your Projects on track is not easy; with the Right Software Partner you can take the Stress out of running your business.

Increase revenue by an additional $300,000 p/a with FieldInsight.

FieldInsight brings software and processes together to help HVAC businesses automate their workflows. We solve Scheduling, Team Accountability, Invoicing and Project (incl budgeting) workflow challenges for HVAC.

We bring people and software together to:

- Grow your business
- Help you deliver a 5 Star Customer Experience, and
- Streamline and Automate your work flows

Contact us for a Zero-Commitment demo to see if we are a good fit for your business. Let us see if we can help you.

Efficient Scheduling

Is it hard to know where your team is? No idea who is available and skilled for that job? Do you know if you have dead time in your Schedule? Is Frank actually at the pub?
- See all your technicians and jobs at a glance
- Do 10% more jobs with improved efficiency

Team Accountability

Team not completing the Safety Checks? Are timesheets always late?
- Make it mandatory to complete a JSA/SWMS checklist before they can finish a job
- Ensure that clock on/off times are captured for every job
- Track vehicles to increase visibility

Get Invoices paid faster

Are you missing revenue because you delay invoicing by hours, days or weeks after the job is finished, do you find customer payment rates are low?
- Gain 25% better payment rates by invoicing sooner
- Increase customer payment success rate by locking in with customer signatures

Profitable Projects

No idea if a project is profitable? Can you track whether you are ahead or behind on a 6 month install project?
- Cost and track all jobs for a project in one place
- Manage variations as you go
- Keep track of retention
- Manage equipment from one place

Track Customer Assets

Do your team waste time finding asset locations and searching for information you should already have on the asset?
- Track all customer asset information
- Assign jobs to assets
- Consolidate your asset reporting in one place

Get your business running fast, efficiently and profitably

Managing your team and processes via software allows you to gain thousands of dollars in otherwise lost productivity by eliminating wasted hours/activities that consume time or work that is not invoiced.
- Communicate with the team in the field seamlessly (keeping them moving between jobs faster) using instant messaging.
- Improve cashflow by minimising the gap between completing the job and invoicing and getting paid – especially across concurrent projects.
- Don't miss project milestones that could cost you thousands of dollars in missed revenue
- Ensure all your projects are profitable

We Support our Customers

We deliver job management solutions to our customers using our integrated 3 Pillar approach, get the right Software running the right procedures with your team supported and trained up by the people who built the software.

What makes us different

We are 100% committed to you succeeding, it is the reason we created the company, to help HVAC businesses kick goals. We don't want to work for the big banks or insurance companies we wanted to build software and systems to help normal business owners who are building and servicing real people.

Our Purpose

To build Software and Procedures that empower our customer's to grow their businesses profitably, with less stress and allow more time with their families.

FieldInsight
Unit 2, 122 Para Road,
Montmorency VIC 3094,
phone 03 9005 7144
support@fieldinsight.com
www.fieldinsight.com/ancr

NEW APPROACH TO OPERATIONS, MAINTENANCE AND SUSTAINABILITY

Built Environment Optimisation (BUENO) is an Australian technology company that uses bespoke data analytics software to pinpoint and resolve problems for their clients in the property industry. Their company mission is 'to continually create amazing technology for an efficient and resilient built environment and to foster healthy buildings for people.'

BUENO's client base is vast and includes construction companies, engineering firms, building owners, property managers and equipment manufacturers. They currently service over 1,000 buildings and are considered one of the leading building analytics providers in the world.

Scott Horsnell, Team Leader at BUENO, explained their approach, "Our program can dive into any building automation system, such as air conditioning and security, and monitor all data points continuously. Our technology can identify opportunities and issues quickly and accurately. Instead of producing systematic alerts, we can review all the issues together and generate a root cause."

"This means that instead of five systems being flagged and producing an overload of information, we can take those five things and work out what the one root cause is. Our managed services will then deliver the solutions on top of that and prescribe particular control strategies that may need to be implemented."

For clients in the building and construction industry, the software is particularly beneficial for the defects liability process. Working with building owners, BUENO can produce a list of items that need to be addressed in terms of defects or incorrectly functioning aspects of the building's design. This becomes a useful checklist for the construction team and the system will continue to monitor the issues to ensure they are fully and correctly resolved.

Early indication of performance drifts also saves building owners money and time. The program can track performance indicators over a set period of time and detect minor issues, such as loss in refrigerant in air conditioning systems, before they become a major problem and there is a noticeable performance drop off for clients and the residents within the spaces.

Founded in Sydney by Leon Wurfel in 2013, BUENO currently has established offices in Sydney, Melbourne, Brisbane, Canberra and Perth employing over 50 staff in order to provide services and support to their various clients across all Australian states and territories. They also work internationally and have developed a platform with overseas engineering partners in Canada, America, Mexico and South East Asia.

The skillsets and experience within the BUENO team are as diverse as their client base. They are one of the few companies in their field that have inhouse software, chemical, mechanical and electrical engineers, tradespeople and former property managers. "Our hiring approach is unique and enables us to understand the use cases our system is providing and develop effective solutions. This expertise gives us the ability to find opportunities for our clients too, whether it's related to cost savings or easing a burden they might have or a compliance risk," added Scott.

"We're on a rapid growth trajectory and are expanding almost every week. We're finding that clients engage us on one system and will come back year on year with another pain point to investigate. To date, we have been successful in monitoring over 823,000 data points (and growing) deployed across over 1,250 buildings for some of the highest performing property portfolios in the world working with customers such as Dexus Property Group, Vicinity Centres, Woolworths Group, Crown Resorts, LGS, DOMA Group, Knight Frank, JLL, CBRE. We project that both our domestic and international business will increase exponentially in the next few years as our building types diversify across commercial and retail."

For more information contact BUENO, 353 Exhibition Street, Melbourne VIC 3000, phone 1300 130 366, email hello@buenosystems.com.au, website www.buenosystems.com.au

AGD SYSTEMS

AGD Systems provide a range of services including design, supply, installations, manufacturing and maintenance of car traffic and pedestrian management systems with AS3000 standards for carparks, ramp control systems, factory parking control, loading docks and pedestrian safety zones.

They also supply solar powered traffic light systems used for safety at pedestrian crossings. With over 25 years of experience and extensive knowledge, they have earned prominent respect in their field.

AGD have several new systems that they are proud to be releasing. The first is the AGD307 Radar. A low powered radar used for intersection control, speed Signs and temporary applications. The 307 is designed to be robust, cost effective and highly versatile, achieving advanced bidirectional vehicle detection capabilities with a 150m range which provide numerous Intelligent Transport Systems (ITS) management applications.

The second is the AGD350 Radar which will replace inductive loops and works as a 'Stop Line' detector and as a highway detector. The 350 has been further developed to meet the evolving and complex demands of the global ITS sector. It can measure speed, range and angle of passing vehicles for speed and red light enforcement applications as well as collect data allowing integrators and road authorities to assess the flow of approaching and receding traffic at any given detection zone. This will increase traffic flow, reducing congestion as well as increasing safety for the community.

The third is the AGD 645 Pedestrian Protector, which is a state of the art optical kerbside detector that improves crossing safety. Its next generation design and engineering provides robust detection within greater 5m x 3m zones. Having real time video and internet protocol capabilities allows smart cities to make fully informed decisions and adjustments remotely with just a few clicks.

AGD Group has branches in Australia, UK and France, as well as a number of distributors throughout Europe and other parts of the world.

For more information contact AGD Systems, Unit 17/15 Valediction Road, Kings Park NSW 2148, phone 02 9653 9934, email sales@agd-systems.com.au, website www.agd-systems.com.au

THINKING BEYOND THE NOW WITH MYBOS

In an increasingly busy and constantly evolving lifestyle in urban centres, efficiency holds the key to good management of commercial and residential facilities. In today's dynamic world, use of smart technologies is pivotal for managing modern buildings right from commissioning where there is a continuous need to interact with a large number of stakeholders including contractors, suppliers, staff members, regulatory bodies and most importantly, the resident community. A good management system that understands and responds to this context provides just what it takes to transform a magnificent development into a perfect living solution.

MYBOS Application Suite is one such solution. Conceptualised and developed in Australia for the Australian market, it is a complete toolkit to run your building affairs as soon as it is commissioned providing powerful modules for managing the settlement process, scheduling move-ins and move-outs, key management, recording apartment inspections and most importantly, a rich portal for the community to interact among themselves and with management.

Other essential features include a comprehensive asset register, an advanced defect management module, integrated and automated work orders, residents and contractors' database, preventative maintenance calendar, parcels tracking, as well as SMS and email broadcasting tools for notices and urgent notifications.

MYBOS, the company behind the system, is driven by highly insightful entrepreneurs from within the building and facility management industry and it excels in developing simple, easy to use solutions while causing minimal disruption in existing workflow, and provision of hands-on training to users to eliminate resistance to learn and adopt new systems. Since its foundation in 2012, MYBOS has enjoyed tremendous success and now has a demonstrated track record of supporting more than 1,000 buildings in Australia, New Zealand and United Arab Emirates.

For just $2 per apartment per month the availability of powerful management systems means that Developers can not only think beyond exquisite living spaces, but also venture into the realm of community building thus bringing a so-far largely unexplored dimension into play.

For more information contact MYBOS, 17/52 Holker Street, Silverwater NSW 2264, phone 02 8378 1096, email info@mybos.com, website www.mybos.com
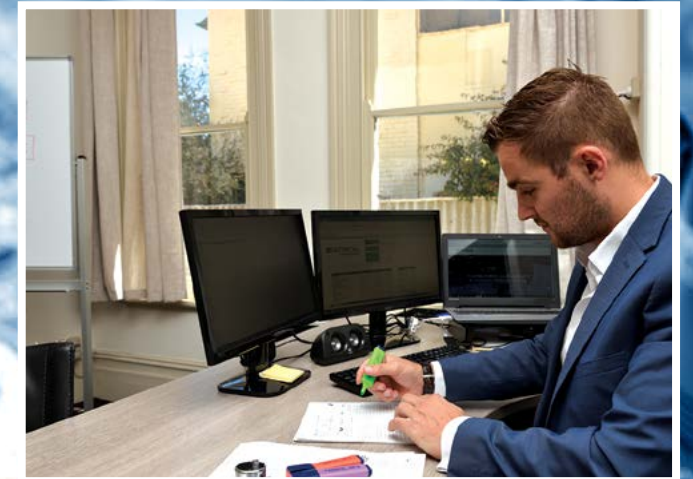
ESTIMATING SOLUTIONS

Estimating Solutions Group provide clients across Australia and New Zealand with bespoke electrical and civil estimating services. The company deliver accurate and competitive tender submissions for small to large size businesses. Their approach enables clients to operate more efficiently and eliminates the full time overhead of an inhouse estimator.

"I worked as an inhouse electrical estimator for many years and believed that there had to be a more cost effective solution. Many companies don't need the resource full time and we can offer them a higher value proposition on a project to project basis," said Dale TG Foster, Founder and Manager Director of Estimating Solutions Group. "I started the company in 2015 and we now work with 120 clients nationwide."

Alongside cost estimating, Dale and his team offer clients drafting services and project management support across existing internal electrical and civil estimating projects. They also set up tailored estimating systems for companies, providing a selection of programs, procedures and information that enable clients to create bids.

Estimating Solutions Groups head office is in Western Australia and they opened a satellite office in New Zealand in mid-2017.

Location, however, isn't a problem for the team and 80% of their work is interstate. "Our business model allows us to work with clients from anywhere in the world," explained Dale. "All we require are a set of plans and prices to craft a tender winning estimate."

The company started out specialising in electrical estimates and expanded into civil estimating toward the end of 2017. "Our vision for the future is ambitious," explained Dale. "We plan to work across the entire construction industry, replicating our electrical and civil estimating model across mechanical, hydraulic and building services. We're also working on some of our own innovative products that the market has not seen before. This year is going to be very exciting."

For more information contact Electrical Estimating Solutions, Suite 11, 300 Albany Highway, Victoria Park WA 6100, phone 1300 083 238, email info@estimatingsolutions.com.au, website www.estimatingsolutions.com.au

VIRTUAL PROTO TYPING

Ai3D delivers high resolution renderings and visualisations for key infrastructure projects, including Canberra's Capital One Metro and Sydney Metro Northwest. Ai3D is a collaborative visualisation company specialising in accurate, highly detailed, 'true world' visualisations in 2D, 3D and interactive formats. Virtual Prototyping is a key capability and offering of Ai3D.

Virtual prototyping is the creation of accurate and complete 3D models and rendered components that reflect documentation and specifications for a given project. It is used for final design review, coordination and hierarchical approval, utilising Stage 3 Construction documentation. Precise high resolution 3D models, renders, animation and virtual reality (VR) show all components of projects and allows the design and approval teams to analyse all consultant documentation in complete visible detail.

When VR is used, the details and entire model can be reviewed in immersive stereoscopic 1:1 scale. Items such as, materials and finishes, architectural detailing, civil, electrical, structural engineering, vegetation, light fixtures, fixings, ticketing, wayfinding, street furniture, passenger information display, street furniture and public art, ticketing options, through to DDA compliance, are clearly visible in the context of the project site. This shows an unprecedented level of production and detail

review in a real-world environment to ensure the complexity and variety of items all work together and are correct for their purpose.

For Sydney Metro Northwest and Capital One Metro, Ai3D successfully delivered these services. The product covered all project aspects, from greater corridor design to detailed virtual prototypes of street and stop furniture, and utilised documentation from all project disciplines, including tender, schematic and detailed design, and construction documentation. Through a collaborative process between the project team and Ai3D, virtual prototyping ensured design intent, documentation, fabrication and installation were aligned to deliver the best products in the most efficient timeline.

This 'whole of life approach' gives the widest benefit to all phases of the project and are essential to assist both internal and external exhibition and review.

info@ai3d.com.au

Sydney Metro Northwest | Cherrybrook Station Virtual Prototype

DELIVERING PLANT ROOM EFFICIENCIES

100 Queen Street is an iconic commercial office building in the heart of Melbourne's CBD. As one of the flagship corporate bases of ANZ, it comprises 37 floors and employs four chillers with a total capacity of 5,090kW as well as corresponding water pumps totaling over 200kW. The cooling tower fans have a total of 29kW. Identification of energy reduction initiatives resulted in the recommendation of plant room optimisation solution PlantPRO, to complement further efficiencies through planned chiller replacement works.

PlantPRO uses 'Smart Sequencing' that optimise the chiller plant by selecting the most efficient load point for each running chiller, meaning that if a chiller goes below nominal efficiency, it can be proactively checked by service personnel, minimising electrical energy waste and avoiding compounding costly service issues. PlantPRO also optimises the plant through advanced variable pumping control and lift optimisation on the refrigerant side. These strategies equates to industry leading plant performance levels that set an industry benchmark for energy efficiency.

PlantPRO was installed and commissioned at 100 Queen Street, taking over control of the existing four chillers and associated pumps.

Energy consumption was then monitored and compared to baseline energy consumption based on the previous year. The integration of PlantPRO resulted in average monthly savings of 29.7% in the first year. The installation of the two new chillers has further increased efficiency to date in 2016.

PlantPRO was developed by Conserve It and was launched in 2013, being named HVAC&R Product of the Year by AIRAH in 2015.

Conserve It is an Australia-founded and fully owned company specialising in complete HVAC&R plant measurement including monitoring, reporting, controls, as well as development and distribution of industrial and building automation products and sensors.

Conserve It comprises a team of certified and fully trained engineers and technicians and have an ever growing International presence, with solutions deployed all over the world in over 20 countries.

For more information contact Conserve It, Level 6, 10 Artemis Lane, Melbourne VIC 3000, phone 1300 600 432, email info@conserveit.com.au, website www.conserveit.com.au

ARE THESE 5 FACTORS CONSTRAINING YOUR CONSTRUCTION BUSINESS?

VISIBILITY OF PROJECT PERFORMANCE

ON-SITE DATA COLLECTION

DOUBLE HANDLING OF INFORMATION

DELAYED PROJECT ACTUALS AND FORECAST

MANAGEMENT OF PEOPLE, SAFETY AND COMPLIANCE

INDUSTRY FORECAST FOR 2017/2018

▲ 4.3% IN 2017   ▲ 6.4% IN 2018
Predicted rise in the value of major project work

2.9% IN 2017   ▲ 6.8% IN 2018
Predicted rise in the value of engineering construction

IFS
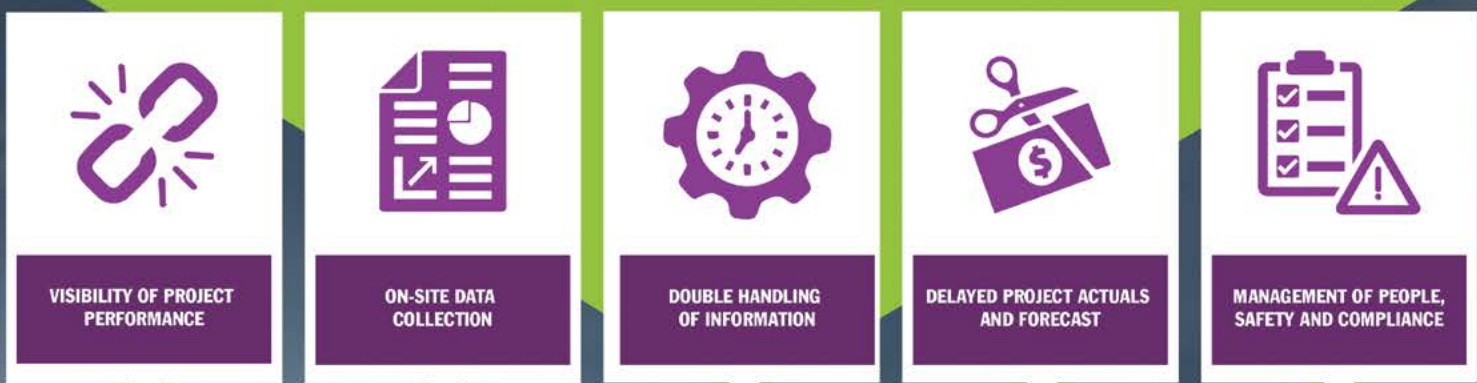
1 FULLY INTEGRATED SOFTWARE SOLUTION TO MANAGE ALL YOUR CONSTRUCTION PROJECTS.

FINANCE
Real time finance, forecasting and cashflow

PEOPLE, HR, OHS, COMPLIANCE AND STANDARDS

REAL TIME REPORTING
Complete business transparency enabling real-time decisions

MOBILITY
Be connected at all times even when you're on-site

ASSETS, EQUIPMENT, HIRE AND USAGE
Reporting to projects

PROJECT AND CONTRACT MANAGEMENT
Tools to keep you in full control

THE TIME TO TRANSFORM IS NOW.

BUILD A BETTER FUTURE.

Source: The Australian Industry Group Construction Outlook June 2017

IFS
CONSTRUCTION SOFTWARE TO KEEP YOUR PROJECTS MOVING

ifsworld.com

Call +61 3 9810 1100 to learn more

ECLEVA
INNOVATIVE IDEAS DELIVERED SIMPLY

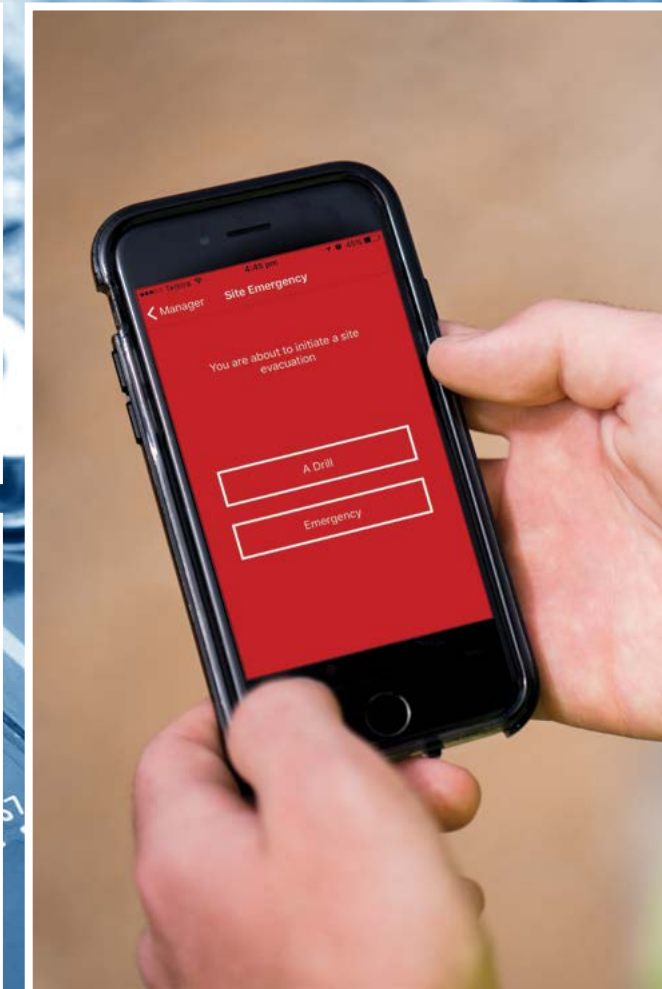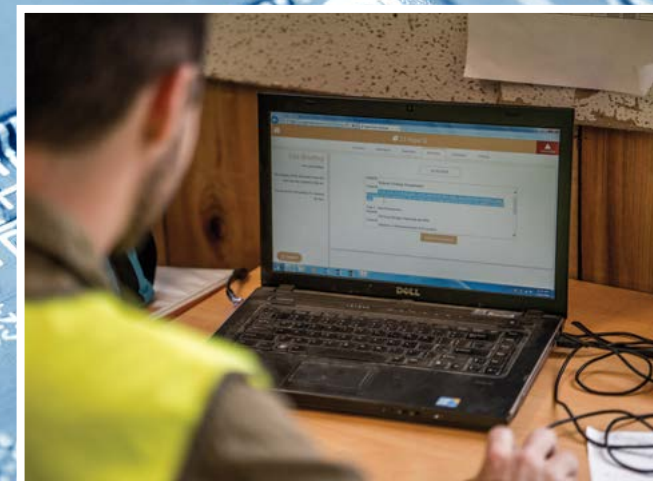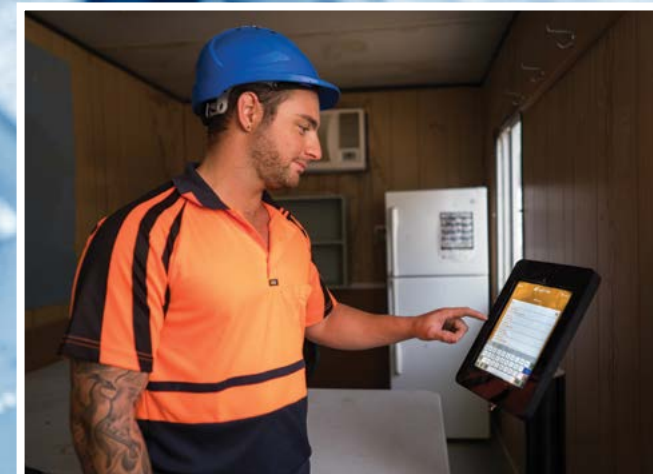**Is your IT set up to Maximise your Business Productivity and help you Realise Success?**

With over 20 years' experience in IT and working with construction companies, ECLEVA specialises in delivering IT solutions that are secure, reliable, tailored, easy to use, and accessible from anywhere with one objective in mind – helping construction businesses streamline and manage operations to achieve their targets throughout the lifespan of a building development.

From initial cost estimations, tender submissions, contracting labour, managing supplies and reporting onsite progress, through to EOI sales tracking, we leverage your existing systems where it makes sense and recommend improvements to enhance your ability to meet your goals.

Visit www.ecleva.com/construction to learn more about the IT solutions that we offer for the construction sector or call us on 02 9467 9300.

Some of our Clients:

CIMIC   **MAINBRACE** CONSTRUCTIONS   **RICHARD CROOKES** CONSTRUCTIONS   **Stockland** it's your place

ECLEVA
www.ecleva.com
Suite 102, 1 Chandos Street, St Leonards NSW 2065
Phone: +61 2 9467 9300

S.I.D – StateGuard Integrated Solutions

At StateGuard we have realised that in an ever-changing world of security. We have had to adapt to changes from using human intervention to mechanical and digital intervention to accommodate different environments. Many of which are remote, inaccessible, dangerous and usually costly to protect.

Introducing one of our solutions: S.I.D – StateGuard Intelligent Device

S.I.D is your Guard of the future, lean and cost effective, smart and matched exactly to your needs.

S.I.D solves the deficiencies of having inaccurate view of the site and the costs of hours in a guarding service.

S.I.D is connected to our Private Secure Network Cloud System through StateGuard 3 CT Technologies.

"We Build, We Create, We Innovate"

What does this mean for you and why is this so important?

The Cloud Service provides complete end to end private connection with no web internet access totally isolated to the video and data broadcasting systems to Australia's largest secure data Centre.

The perfect secure video system for remote and isolated sites leveraging off satellite, mobile 3 and 4 GX straight to private VPN Network.

StateGuard brings State of the Art Solutions of Technology and Network Security to its product solutions.

We also bring the benefit of our technical expertise to meet the requirement of Digital City Schemes which may entitle you to funding through Digital or Environmental or Crowded Place Legislation.

We are fully equipped to provide our Clients a level of serviced solutions by offering a combination of our people, business intelligence, integration and electronic security systems and IT coupled with analytics to solve business operations in all facets of industry.

StateGuard
Integrated Solutions

SITE STAFF DOING PAPERWORK ALL DAY?

SignOnSite is the world's first Smart Safety System for construction sites. SignOnSite automates site attendance, streamlines site specific inductions, enables communication and can evacuate your whole site at the push of a button. With the SignOnSite app on workers phone's they arrive on site and get to work fast.

They walk on to sign on. They walk off to sign off. They complete inductions on their phones, and are automatically briefed on important site information when they arrive. Giving site teams real time visibility of what's happening on the project day-to-day.

Site managers no longer have to manage mountains of induction records, and even have a copy in their pocket. They know who is onsite, and who is offsite – and in an emergency they can be confident in knowing if everyone has been accounted for.

As well as streamlining safety processes on sites, SignOnSite breaks down the barriers between your safety systems giving you complete oversight.

Implementing a Smart Safety System means that a site's Attendance Register can talk to its induction system, to find out who's onsite but not inducted. Or in an evacuation, alert every phone onsite, instantly giving site teams an accurate list of all workers and start accounting for them at the muster point.

SignOnSite was built to free up site staff from time consuming paperwork, so they can focus on the people.

We're always looking for forward thinking companies who are pushing construction forward to help build the future of the industry.

If you're up for the challenge, let's talk: **signonsite.com.au/ancr**

For more information contact SignOnSite, Level 5, 1 Moore Street, Canberra ACT 2601, mobile 0423 583 377, email team@signonsite.com.au, website www.signonsite.com.au

Site Induction App
Safety management made easy

SiteBook Mobile App

- Easy induction setup
- Low-cost safety solution
- Record of site attendance

- Latest plans & specs on-line
- Hassle-free cloud-based system
- Fast and easy to use

Visit **www.sitebook.com.au**   Call **1300 736 316**

SiteBook®

---

inscopebt

LEADERS IN BUILDING AUTOMATION SERVICES

Inscope Building Technologies is a leading automation solutions company specialising in the design, installation and maintenance of Building Management Control Systems (BMCS) and Energy Management Systems (EMS). Proudly Australian owned and operated, Inscope BT is committed to delivering the latest cutting edge technology in building management control systems to the commercial building sector.

The company's primary focus is on building management control systems and energy management systems, specifically designed to facilitate the efficient and reliable control of all building facilities. They have extensive expertise in control systems specifically designed for heating, ventilation and air-conditioning (HVAC), lighting, access control, energy management and other building systems. Inscope BT's building automation system is a truly open solution, the open standards and open-source platform creates a sustainable foundation that supports and evolves with technology in the building's lifecycle, able to seamlessly integrate with pre-existing control system platforms and new installations.

Managing Director, Sandra Pruscino, said that the companies building controls division works seamlessly with the engineering, mechanical electrical, switchboard manufacturing and service divisions to provide clients a total solutions package for their facilities, avoiding the need to call on multiple contractors to deliver the same result. This allows Inscope BT to provide cost effective solutions to building owners and facility management. "This business model has placed Inscope BT at the forefront of BMCS since 1995 and our talented team of professionals has kept us in that position."

Recently, Inscope BT's expertise installed a comprehensive climate control system at the Dangrove Art Storage Facility in Alexandria, a 10,000m² specialised art storage and operations facility for the White Rabbit Gallery, which houses one of the world's finest private collections of contemporary Chinese art. All aspects of temperature and humidity within the centre will be managed and controlled by Inscope BT's building management control system. "This project is but one of many in which Inscope BT has delivered the latest technology in building management controls systems," said Sandra.

For more information contact Inscope Building Technologies, Unit 2/5 Merryvale Road, Minto NSW 2566, phone 02 9618 7744, email sales@inscopebt.com.au, website www.inscopebt.com.au

CONSTRUCTION MANAGEMENT SOFTWARE - IN THE CLOUD

Software in the construction industry has been stagnant for a long time. With the emergence of genuine web based software, real time data capture of operations is possible and the usability of cloud software is increasing productivity and efficiency.

Cloud software is paving the way in construction and giving small and medium size construction companies a competitive edge over their larger opposition. Add to this the Software as a Service (SaaS) pricing models make the transition more affordable with no capital expenditure.

Storage and security of data in case of disaster and full functionally via the web to mobile devices are just some of the standard expectations.

Local is Essential for Compliance

Software that is developed locally is much more likely to be compliant with Australian legislation. Some things to consider are the Security of Payments Act and legislation that relates to Electronic Signatures, Electronic Storage of Business Documents, Construction Acts and ATO requirements to name a few.

Over and above legislation there is good practice and industry precedent to take into consideration.

Consolidation is Key - Do it Once

To maximize efficiency and cost savings the key is consolidation to ensure you "do it once". Having multiple systems only works out if they talk to each other. For example, how many places do you update contact information or staff information.

Often you need your software to "talk" to another system, maybe accounts or payroll, see what API capability the software offers.

Apps or Mobile Web

Mobile web is often a more affordable solution than an App and it can be just as functional.

Apps cost money to develop so there maybe an additional cost from the software vendor.

Local is Essential for Training and Support

Local training and support makes a huge difference to your software experience. Ideally this is provided by "on staff" personnel with comprehensive product knowledge. Remote training is just as good so the company does not need to be on your door step but they do need to understand the local industry.

Most importantly support needs to be prompt and accurate, if staff need help they usually need it "now" or at least within an hour or so whereas most software providers offer 24 hour support.

Best of Breed

Ring the team at Construction Software to discuss the specific needs of your business. They have a variety of options for any size of construction contracting business.

There is an affordable configuration for both main contractors and subcontractors. In the opinion of many, CATProjects is the best of breed available in Australia or New Zealand.

Construction Software Pty Ltd
Phone: 03 9981-5728
www.catcloud.biz

- Tender Management
- Project Management
- Document Management
- Business Management

IS THIS YOUR POWERFUL
LIGHT BULB MOMENT?

That's how it was for many of PMWeb's thousands of users globally, who came to the realisation that PMWeb is the best tool for managing their capital works projects – providing powerful web-based management, control and reporting.

PURCHASING PMWEB
PMWeb can be purchased by individual modules or as a configurable, fully-integrated package.

FUNCTIONALITY INCLUDES
- Planning, Prioritisation, Estimating, Procurement
- Program, Project, Contract Management
- Tools to manage Change, Risks, Issues, Actions, Decisions, Deliverables, Benefits
- Scheduling, Stage Gates
- Asset Management
- Workflow, Collaboration
- Document Management

HIGHLY SCALABLE
Available for as few as 5 licenced users up to many thousands of users.

EASY TO IMPLEMENT
Install PMWeb on your own equipment, Data Centre or Cloud – or use PMWeb Software as a Service (SaaS) via Amazon Web Services. PMWeb SaaS can be up and running within 7 days or less.

SYSTEMS
PMWeb Project Controls integrate with external systems to ensure an accurate, up-to-date and whole-of-project view. Powerful Microsoft Business Intelligence and reporting features place information at your fingertips.

FOR MORE INFORMATION
www.hka-tech.com.au

Sydney I Melbourne I Brisbane I Perth

Welcome to our new PMWeb users

Brookfield GIS
San Diego International Airport
United Nations (Geneva)
University of Washington
Los Angeles County
San Juan Unified School District
Clayco, Inc
All Aboard Florida

HKA Tech, part of HKA, is the world's largest implementing reseller of PMWeb. HKA is one of the largest providers of advisory, consulting and expert services, with 960+ staff operating from more than 42 offices in 21 countries.