

Newsroom



Specialists in electrical and automation products, systems and solutions

Summer 2018

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EDITORIAL

Benchmarking business to sport

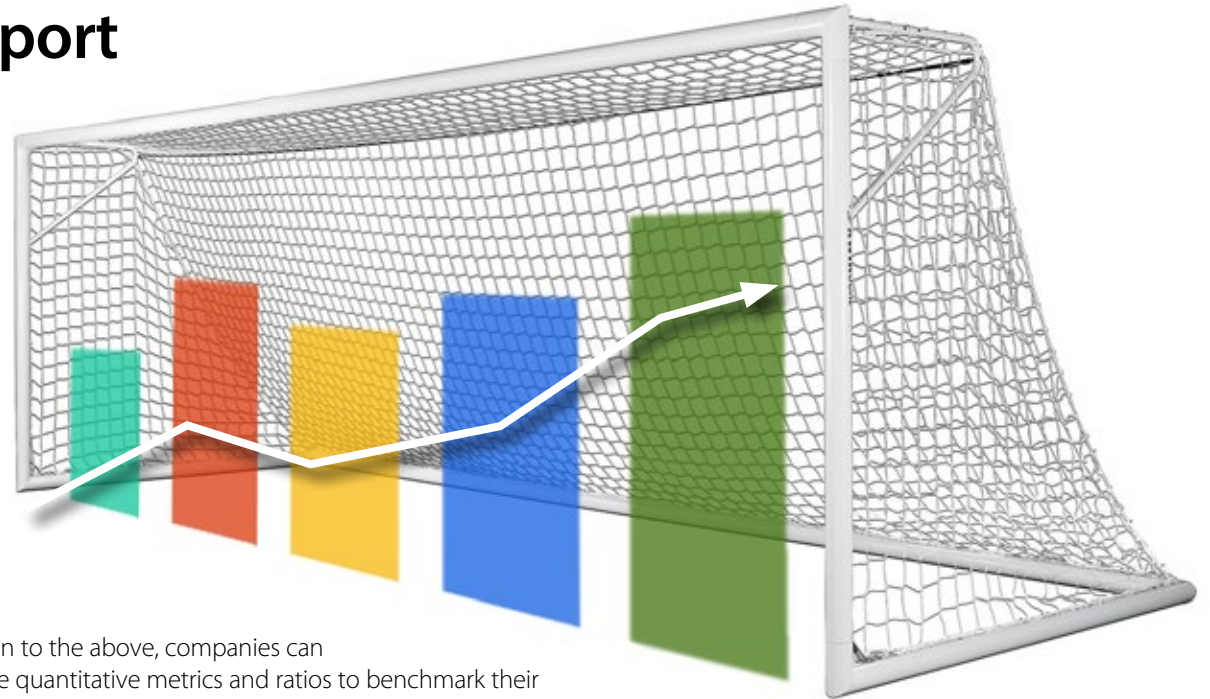
The best sporting coaches often visit other clubs across sporting codes to get ideas on where and how they can improve performance in their quest for success. Winning in elite sporting competitions and delivering sustainable success involves all functions of the club to be operating at their very best on a consistent basis. These functions within most sporting clubs include the board, management, staff, coaches, players, sponsors, as well as members and fans.

During his time as Hawthorn coach and along the way to winning four AFL premierships, Alastair Clarkson has visited other reputable sporting clubs to learn about their ways and practices, including Manchester United and Bolton Wanderers (EPL), the San Antonio Spurs (NBA), Philadelphia Eagles (NFL), and FC Barcelona (Spain's La Liga).

Even the Melbourne Storm (NRL), who are arguably the benchmark club of all the football codes in Australia, ensure that super coach Craig Bellamy gets the opportunity to undertake study tours of European soccer clubs and NFL franchises. Bellamy spent time with the New Zealand All Blacks last off-season to learn and look for ideas to incorporate into the club, which no doubt contributed in some way towards the Storm becoming NRL premiers in 2017. Bellamy himself has no shortage of other clubs and coaches looking for some of his time to benchmark themselves and gain insights into what goes on within a successful sporting organisation.

Not unlike sporting clubs and coaches, businesses and business leaders should invest in benchmarking their companies against others. This can be done both within the industry they operate in, but sometimes the best ideas can come from looking externally.

Business areas to benchmark will vary across companies and every company will be looking for their own point of differentiation. Some of the areas to review include delivery performance, stock availability, product quality, technical support, customer service, sales team quality, training, communication (including digital), customer experience, and pricing.



In addition to the above, companies can also utilise quantitative metrics and ratios to benchmark their operating performance, cash flow management, and balance sheet strength.

Operating metrics like revenue and revenue growth, gross margin, EBITDA (Earnings Before Interest, Taxes, Depreciation and Amortisation) margin, return on invested capital are fairly common place. Working capital metrics are used to measure the cash conversion cycle such as receivable days, inventory days, and payable days. Leverage and liquidity can be benchmarked using calculations like debt/capital, debt/EBITDA, EBIT interest cover, current and quick ratios.

Over the years, NHP has used various forms of benchmarking including results from industry association surveys, engaging customers directly for feedback, competitor comparisons conducted by independent consultants, as well as feedback from other internal and external sources.

The insights gained by doing this will often confirm what the business may already be aware of, however at times it can highlight opportunities to be reviewed or capitalised on.

Similar to sporting clubs and exceptional coaches like Alastair Clarkson and Craig Bellamy who invest time looking at ways to improve, NHP also encourage our leaders to continuously look for areas of improvement on an individual, team and company level. We believe these practices enable NHP to better serve our customers across Australia and New Zealand.

Julian Britto

Finance Director, NHP

COMPANY NEWS

NHP Power Hub transforms even further to become premier training and display centre

In 2016, the NHP Power Hub was purpose built to form a specialist demonstration and training facility located at the NHP head office in Melbourne, Victoria. Initially showcasing selected products from NHP's power distribution portfolio, in recent times the unique facility has expanded to feature a full solution including medium and low voltage switchgear, and NHP's soon to be released range of Concept panelboards.

The high quality medium to low voltage solutions on display are fully interactive and are fitted out to replicate a typical site installation. These displays have advanced features that facilitate hands on demonstration, not only delivering specialist knowledge and training, but instilling product confidence for those who visit the facility.

Specialist products display a full range of medium voltage equipment including DF2 de-mountable switchgear with a variety of functional panels, withdrawable switchgear, ring main units, oil immersed and cast resin transformers, Agile protection relays and a 2MVA kiosk substation.

Exclusive to NHP's medium voltage solutions is the DF2+ air insulated modular type switchgear which features a built-in arc quenching system called 'Arc Killer' which can extinguish an arc in less than 50ms.

In addition to the medium voltage range, NHP are proud to display a type tested CUBIC modular switchboard which has been fully furnished with Terasaki circuit breakers and Socomec loadbreak and transfer switches. This CUBIC switchboard display also allows users to observe the 3C overheating protection system in operation, with real-time monitoring displayed on the cloud based 'Health Dashboard'.

NHP's low voltage arc flash mitigation solution 'Arc LogiX' is also on display giving visitors a realistic simulated arc flash experience, highlighting the benefits such technology solutions can deliver (see more about the Arc LogiX solution on page 8).

Completing the solution on display and ensuring the highest levels of safety, the Power Hub is fully enclosed and protected by NHP's Axellent safety fencing (see more about the Axellent range on Page 5).

To experience a variety of practical demonstrations and learning activities in the safe and controlled environment please call 1300 NHP NHP or contact your NHP sales representative to arrange a tour of the Power Hub.



COVER STORY

Boutique stadium redevelopment sets the benchmark

Those who take an interest in any sporting code would have heard the phrase ‘home ground advantage’ used at one stage or another. In essence, it references the benefit that a home team is said to gain over a visiting team whether that be the fans, the ground itself or the general atmosphere.

Well, one stadium in particular has recently set the benchmark for boutique stadiums in Australia that not only provides the ultimate home ground setting for resident AFL club the Geelong Cats, but also services a range of other sporting, entertainment and cultural events.

That stadium is GMHBA Stadium in Geelong (west of Melbourne, Victoria) and NHP were proud to team up with local switchboard builder and electrical contractor, Butler Electrical Victoria when it came to the Stage 4 development of this iconic site.

Known for their ‘can do’ attitude that has been built up over their 50 plus years of operation, Butler Electrical is a privately owned business with mechanical services at the core of their offering.

“Some time ago we identified an opportunity to expand our offering to industry and through our relationship with NHP, saw that the CUBIC system was a system that could take us there. ”

While that continues today, over the past seven years the company has taken significant strides in diversifying their offering into main switchboards and their awarding of the contract for the main distribution switchboards at the GMHBA Stadium project was no exception.

“Since then we have designed and quoted a number of major commercial projects using the CUBIC product and the \$90 million Stage 4 GMHBA Stadium project is a marquee example of this,” he continued.

During the tender process there were a number of design changes that saw not only the physical size of the switchboards change, but in turn resulted in fluctuations in load demands and the ensuing heat rises. Throughout this process NHP’s local support was at the ready to help navigate these and any other potential challenges working alongside Butler Electrical. One such challenge was the compacted build time that was required to ensure the project deadline was met.

“When there’s short build times it’s easy to erode profits but through the quick turn-around that NHP were able to offer, the off the shelf CUBIC product was a great advantage ensuring that the boards were completed and delivered on time,” said Alan Mihovil, NHP’s Technology Specialist - Switchboard Solutions.

Offering increased convenience and ensuring profitability was as high as it could be, when the CUBIC switchboards were delivered to Butler Electrical all the equipment and switchgear as per the drawings were packed together which made for a seamless build and installation.

“What began as quite a niche operation has been able to broaden its offering to service larger commercial scale projects and the CUBIC product was the platform that enabled us to do so. As well as simplifying our design, all CUBIC boards are type-tested which means we save both money and time by not having to undertake this process ourselves,” Mr. Sultana continued.

Like Butler Electrical, NHP is a locally owned and operated company with 50 years’ experience and were proud to partner with another local leader to deliver an exceptional result. With Stage 4 works now successfully completed, attention turns to Stage 5 which will focus on the refurbishment of a number of existing stands.

The completed project will see the venue not only provide the necessary infrastructure to attract multipurpose events but also provide significant benefits that will be experienced by the local community, local businesses and the local economy.



Above: (L-R) NHP's Alan Mihovil and Managing Director of Butler Electrical, Allan Sultana.

PROJECT

NHP powers up with manufacturing capabilities!

When it comes to critical power, the risk of a slight interruption or any unplanned downtime is an ongoing challenge. Such an event can often lead to loss in the product or service you provide your customers, consequently incurring detrimental financial and business losses. This consideration was of upmost importance for Stowe Australia and NHP recently when they were tasked with refurbishing a data centre located in a commercial high rise in Melbourne's CBD, Victoria. Together, these two local companies were presented with an opportunity to provide a solution that offered maximum protection ensuring a sound operation and secure data – and they took it.

The high rise building where the data centre is situated is committed to reducing its environmental footprint and has an impressive 4.5 star NABERS energy rating. With this in mind, when it came to the end user selecting a contractor for the project, they needed to reflect the direction of the building, providing products and solutions that embodied the same energy efficiency values.

Conscious of the complex nature of data centre refurbishment as well as aligning the project with the overall building ideals, the end user enlisted the support of Stowe Australia, who has over 100 years' experience in the industry. Stowe Australia in turn appointed a supplier but with delivery date fast approaching that supplier needed to fulfill the project requirements in a compressed timeframe. Stowe Australia enlisted the support of NHP who were able to demonstrate the value of their local manufacturing capability and local stock holding.

A five day timeframe was set for the customised design, build, delivery and installation of seven distribution boards. This challenge would not have been achievable without NHP's National Distribution and Manufacturing Centre in Laverton, Victoria, which is a state-of-the-art facility bringing together a range of manufacturing and engineering services, as well as locally housing extensive stock all under one roof.

"Team NHP's ability to design, manufacture and deliver seven quality switchboards in a five day span and within that, a three day build turnaround is outstanding. It is reassuring to know that in a time of need NHP can step up to the plate and deliver."

Stowe Australia commissioned the project to NHP on a Monday, and after dedicating the required hours of manufacturing time, NHP were able to fulfill all components, delivering in full on time by that same Friday.

"Team NHP's ability to design, manufacture and deliver seven quality switchboards in a five day span and within that, a three day build turnaround is outstanding. It is reassuring to know that in a time of need NHP can step up to the plate and deliver," said Michael Bell, Stowe Australia's Operations Manager.

The drawings and design of the boards were customised to the specified requirements, abided by local standards and catered to data centres. The expertise displayed, enabled NHP to quickly and efficiently take the requirements of the data centre operational characteristics and convert this into a flexible, adaptable and scalable data centre solution.

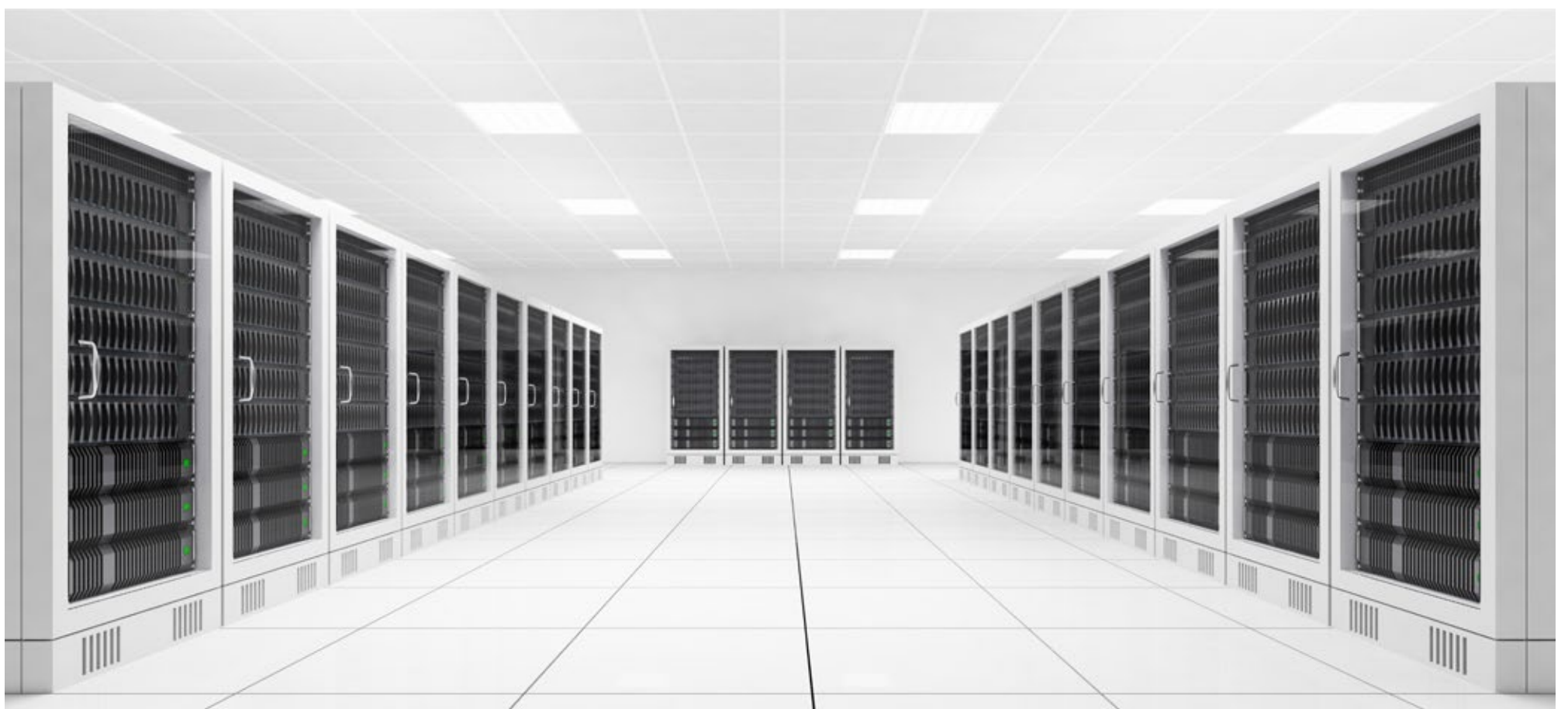
The customised boards ensure minimal consumption and maximum protection for the data centre. Within the boards resides NHP's innovative PowerMax™ Isolation Chassis which have been designed to specifically meet the needs of data centres reducing potential hazards for electrical maintenance workers.

To complement this cutting edge busbar solution, Terasaki circuit breakers, compact Katko main switches and NEMO three phase energy meters are installed in the panelboards.

All of these components are enclosed and secured in NHP's modular and robust Concept Plus Panelboards, with everything complying to meet local requirements. These distribution panelboards were built and manufactured in Laverton ensuring consistent quality.

"We were tasked with a testing project, however we were able to pull together as a team and used our manufacturing centre to our advantage, meeting expectations with a future-proof solution in anticipation for constantly transforming data centre infrastructure," NHP's Sales Supervisor – Projects, Carl Sharp commented.

NHP were proud to partner with another Australian privately owned company, utilising local expert engineering capability, design and manufacturing of products for local industry needs.



COMPANY NEWS

NHP strengthens local offering with Axelent partnership providing safety fencing and wire tray solutions

NHP combines local expertise and a range of innovative products from global partners to deliver integrated, value-add solutions designed to optimise your operations.

To further enhance our established product portfolio, NHP is pleased to officially announce the recent partnership with leading global brand, Axelent.

"After seven years in the Australian market, the partnership with NHP gives us relevant expertise and certified personnel which will take the Axelent business to the next stage of growth in Australia," Axelent's Sales Director, Drew Hoxey commented.

This partnership means NHP now have the distribution rights to Axelent's safety fencing solution (X-Guard®) and cable tray products (X-Tray®) in Australia.

Compliant to local industry requirements, this range will provide a complete and comprehensive solution for customers seeking to integrate safe and secure practice into their applications.

"Complementing NHP's existing suite of safety products, this partnership unlocks NHP as a one stop shop for safety on the plant floor offering a customised solution tailored to suit any operation," said Rohan Pandit, NHP's Product Marketing Manager - Safety, Sensing and Signalling.

Providing customers the capability to improve operational performance is a constant priority for NHP and this range from Axelent delivers on this promise," he continued.

Not only does the Swedish manufactured Axelent range increase the performance of an operation, but it also features simple and quick assembly, aesthetic design, easy integration, and a flexible and scalable solution.

This balance of reliable performance and seamless installation assures no compromise or hindrance to processes, heightening overall protection of equipment and personnel.

NHP is proud to partner with Axelent, equipping our industry with unrivaled, flexible and complete solutions enabling you the agility to customise products, all of which are designed in accordance to local specifications.



NHP's Axelent X-Tray® is easily integratable with Axelent's X-Guard® – this combination offers a complete solution!

Tidy up with smart cable management solutions

Untangling the hazardous mess cables can cause to plants, NHP is proud to offer Axelent's X-Tray® wire trays boasting a simple yet smart design for wire control and organisation.

To ensure optimum functionality is achieved, this range not only delivers flexibility for a complete installation, but is fully customisable for your operation.

Available in zinc plated, hot dip galvanised or 316L stainless steel, NHP's X-Tray® promises quick assembly as well as simple installation only requiring two tools for this process; being a bolt cutter and a 13mm spanner.

Tested in compliance with IEC 61537, the Axelent X-Tray® is the strongest quick-join and the heaviest load rating on the local market with load bearing joints, meaning fewer supports and parts reducing the overall costs.

The X-Tray® is available in an extensive range of sizes, including X-Tray® mini, and with a quick and easy assembly, the installation time is reduced. This range can be installed on NHP's Axelent X-Guard®, or from the roof, wall or floor of your project, assuring low maintenance due to the minimal dust traps.

Guarantee neat installation and secure results with NHP's Axelent X-Tray® available in a range of materials and finishes for a variety of environments and needs.



Guard your machine with the ultimate protection

A slight interruption or compromise to your operation can result in financial detriment, equipment damage or harm to personnel. To address these potential risks, NHP introduces the Axelent X-Guard® safety fencing solution fulfilling all safety requirements in a sleek, robust design.

The X-Guard® safety fencing surrounding your functioning machinery is available in mesh panel sections or sheet plate and plastic sections. Available in 13 different section widths and four different heights, the X-Guard® is the first machine guard offering round corners as an option for added scalability and space saving.

This system has only one bracket for the post, no matter if it is a corner or straight wall, and the post has already punched holes to facilitate quick and easy installation.

With the Axelent X-Guard®, all panels and doors are interchangeable as the same dimensions are used between posts whether it is a door or a fixed section. The flexibility continues with the door panels as a decision is not required in advance whether the hinge be positioned on the right or left, this too is switchable. The X-Guard® has door corners as standard, meaning no additional fittings are necessary.

With its wide range of standard components and accessories, NHP's Axelent X-Guard® is guaranteed to cover all possible machine guard needs.



For more information on the Axelent range of cable tray and safety fencing solutions including exclusive video content visit nhp.com.au/more/axelent

NEW RELEASE

Innovative technology sets standard for safety light curtains

NHP is proud to release the Allen-Bradley® GuardShield™ 450L Safety Light Curtain system that utilises patented transceiver technology to deliver a flexible, scalable and cost effective solution.

Ideal for use in manufacturing and plant environments, this innovative technology promises application versatility and ensures optimal protection for personnel and machines.

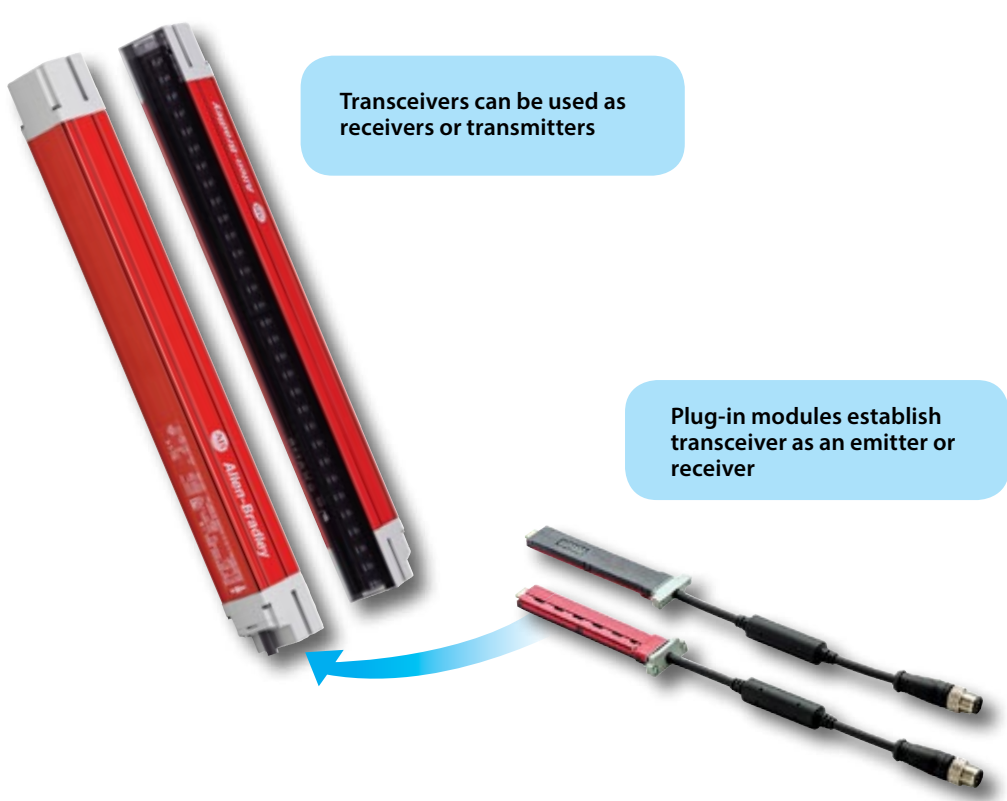
Unlike traditional safety light curtains, which are based on separate transmitter and receiver units, this next generation light curtain system allows each transceiver to be used as a transmitter or receiver via an innovative plug-in module.

Installation is made quick and simple with rotatable top, bottom and side mounting brackets ensuring optimal flexibility to find the best alignment for your specific application. Not only are labour costs minimised, but with this advancement in machine safety, logistics of device implementation achieve stock reduction and lower maintenance.

The slim and compact design of the safety light curtain provides easy integration, featuring an active protective field offering end-to-end sensing across the entire length of the transceiver for full coverage to mitigate any inactive sensing areas. Depending on the resolution of the installed safety light curtain, any interruption will be detected and activate the safety function.

Providing a wide range of protection heights of up to 1,950mm, this unique piece of technology has multiple LED status indicators complimented by an advanced troubleshooting option capable of communicating with Connected Components Workbench™ Software.

Don't compromise when it comes to safety-proofing your application, implement the innovative Allen-Bradley® GuardShield™ 450L Safety Light Curtain system from NHP to enhance and protect your operations.



NEWS

Avoid downtime and improve productivity with scalable analytics

When it comes to your manufacturing needs, it's not just about accessing and aggregating data, it's about making that data work for you. Control systems are inherently data-heavy, but that data provides no value unless it's transformed into information.

NHP delivers reporting and analytics solutions for manufacturers using FactoryTalk® Analytics for machines by Rockwell Automation. This software easily integrates with Allen Bradley® controllers, gathering important data in the background and reporting on machine performance in real-time for machines located anywhere in the world.

The Azure cloud application integrates seamlessly with the machine, turning your assets into true Industrial Internet of Things (IIoT) devices. This ability to monitor operation remotely allows the machine builder to constantly adapt and enhance your machine's performance, from a distance. Moving from a mindset of infrequent, major machine upgrades, to one of continuous improvement of assets throughout their lifetime, will fundamentally change your approach to selecting equipment in the future.

Whether management needs a site-wide real-time dashboard and regular reports sent directly to their inbox, or maintenance staff need access to a granular, detailed view of a machine's performance on their handheld device, NHP can customise the perfect solution to improve your operation using the data you already own.



NEW RELEASE

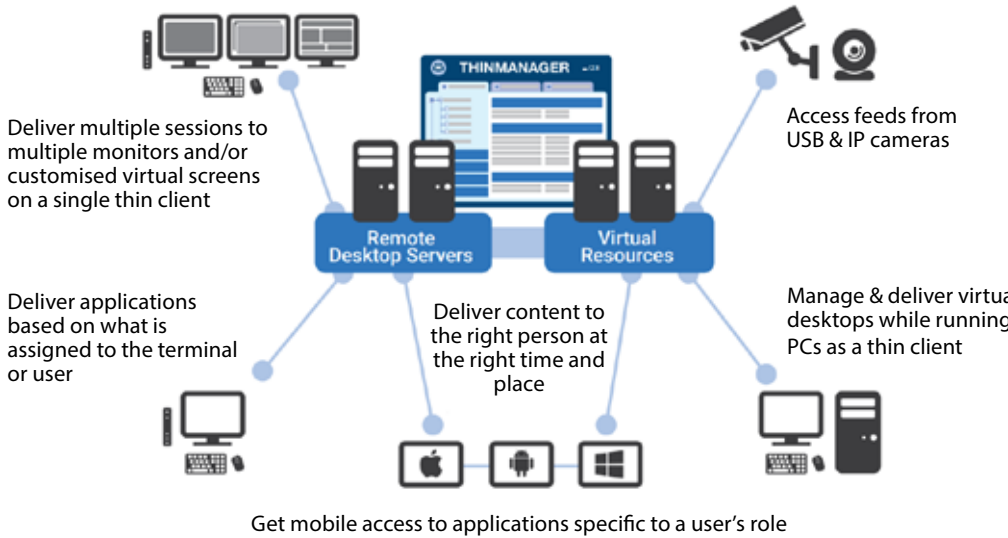
Boost productivity with unparalleled flexibility for your production facility

NHP is proud to deliver ThinManager® from Rockwell Automation, a powerful software platform for production applications that enable secure, centralised configuration and deployment of applications and content to every PC, thin client, mobile device and user.

ThinManager® increases safety and security through powerful visualisation and authentication features allowing you to reduce your maintenance and downtime by simplifying the management of all devices and users.

This software platform centrally manages applications and visual sources, all from a single user interface which is designed to be customised, presenting the content the way in which you want to digest it.

With unprecedented control and security in a sustainable and scalable platform, ThinManager® also supports a wide range of authentication devices like smart cards, RFID cards, fingerprint scanners and more.



COMING SOON

NHP promises a unique concept with paramount flexibility

With much anticipation, NHP is proud to be releasing the new and improved range of Concept Panelboards, offering a model to suit varied applications, from standard configuration to a custom design.

The extensive range not only boasts a sleek facade with tough paint finish, but ensures enhanced cable management allowing quick and neat installation with plenty of wiring room and implemented damage protection for cables.

With genuine third party tested IP ratings, Concept Panelboards offers the protection and performance that is expected from it. The Concept Panelboards have an inbuilt IP2X touch protection to help prevent accidental contact with live conductors with fully shrouded connections between the main switch and busbar chassis.

The range has a semi flush swing handle providing different handle locking options for increased vandal resistance. To further improve security, the Concept Panelboards can suit a wider variety of padlocking solutions between the removable hinged escutcheon and a closed door.

NHP's modular and flexible breakthrough range of Concept Panelboards delivers a touch of sophistication to your application with the ability of required customisation.



NEWS

Enclosed automatic transfer switch solutions ideal for critical applications

The ATyS Bypass 'no-break' solution from NHP provides automatic transfer of two supply sources to ensure continuity of supply to critical loads such as sprinklers, elevators and water pumps. This innovative solution enables complete isolation to ensure safety of maintenance personnel and guarantees continuity of the power supply during maintenance and test operations making it ideal for commercial facilities.

Further, pairing an ATyS along with a remote interface ATyS D20 will provide easy configuration, exploitation and visualisation of critical data such as timer settings, hysteresis and start/stop of the genset.

For increased flexibility, the solution offers both single line ATS Bypass (an automatic changeover switch and a single Bypass line connected to the preferred supply source) and double line ATS Bypass (an automatic changeover switch, an ATS Bypass and the ability to select between supply sources when in Bypass) options.

Boasting a range of features including configurable output relay for generator start/stop command, manual emergency operation and integral protection against direct contact on each functional unit, the ATyS Bypass solution comes in a stainless steel enclosure and is available from 40 to 630 A in 4 pole.



NEW RELEASE

There's no wasting time with the complete NHP ISO range

NHP's extensive ISO range offers versatile and flexible solutions, and to complete this range NHP is pleased to introduce the ISO Timer.

This 24 hour timer has an operating voltage of 230V AC and is IP66 rated when used in conjunction with back boxes. As well as this, it has a contact rated at 16 Amps (resistive load), 250V AC, and 1 C/O outputs. This device has two M25 entries and is supplied with M20 reducers, as well as earth and neutral connectors.

The ISO Timer ensures peace of mind with a 150 hour battery reserve, a minimum switching time of 15 minutes, and a replaceable timing mechanism.

The complete form, Timer and back box, is available in standard grey versions, and the Timer without the back box is available in Grey (G), Resistant Orange (RO) and Resistant White (RW) to accommodate demanding applications.

The NHP ISO Timer enables you to integrate with other components from the NHP ISO range providing one quality and reliable solution to suit your specific project needs.

To complete your commercial or domestic applications, choose the NHP ISO Timer designed and tested to suit local requirements.



NEWS

Safety in hazardous areas has never sounded better

In environments that pose potential hazards, safety devices are inherently crucial to ensure protection to not only equipment and operation, but also to personnel. Providing you with the right solution, NHP are pleased to release a new range of Intrinsically Safe (IS) hazardous area signaling devices from Moflash.

This range includes a sounder, beacon and a beacon/sounder combination unit with beacon devices coming in amber, red, blue, green and white light output options. With low current consumption and high output, this range is not only weatherproof but also approved for use in explosive dust and gas environments.

Offering 32 high and low frequency tones, the sounders also come with the added benefit of 2 stage sounding and along with the beacons are rated for use in all hazardous zones i.e. zone 0,1,2,20,21 & 22. With T5 and T6 temperature rating, the units are suitable within IIC (Gas) and IIIC (Dust) environments.

For your next hazardous area application, trust NHP's Intrinsically Safe audible and visual signaling devices.





INNOVATIONS



INTELLIGENT POWER
DISTRIBUTION SOLUTIONS
IMPROVE PERSONNEL
SAFETY IN SWITCHROOMS
AND REDUCE CRITICAL
FAILURES

The consequences of an arc flash can include significant damage to switchgear, conductors and the switchboard. The worst consequence of such electrical faults is the injury or death of electrical maintenance staff who frequently work within electrical switchrooms.

To help reduce the effects of a low voltage switchboard arc flash, NHP and Terasaki have developed the Arc LogiX system.

The Arc LogiX system uses the concept of ‘active circuit breaker suppression’. Potential arc flash incident energy is reduced by automatically adjusting down the short circuit protection settings of the incoming Air Circuit Breakers (ACBs).

Arc LogiX operating principle

To minimise the damage that an arc flash can cause to a switchboard, the incoming circuit breaker must be set to detect and clear the arc fault within an optimum timeframe.

AS/NZS 3000:2007 clause 2.5.5.3 outlines how to adjust and configure incoming circuit breakers protection settings to limit the damaging effects of an arc flash. This approach is called ‘active arc flash suppression’.

The foundation of the Arc LogiX system is ‘active arc flash suppression’. It works by automatically implementing a temporary protection setting ‘maintenance mode’ within the incoming ACBs before people can enter the switchroom.

This ‘maintenance mode’ reduces the circuit breaker instantaneous short circuit ‘pick up’ setting to its lowest level, therefore providing optimum fault clearance time and minimal damage during an arc flash.

Circuit Breaker clearance time counts

To limit the destructive effects of an arc flash it is vital to disrupt and clear the fault as quickly as possible. The time delay in clearing the fault is directly linked to the sensing and tripping speed of the circuit breaker.

The Arc LogiX system utilises the Terasaki TemPower 2 ACB which can clear a short circuit fault in less than 30ms thanks to its patented double break contact design. 30ms is the fastest total short circuit clearance time available from any ACB on the market today.

Independently tested and verified to reduce dangerous arc flash incident energy

NHP has conducted arc fault testing at an independent NATA certified laboratory which has proved the effectiveness of the Arc LogiX system.

The documented test results confirm a significant reduction in the destructive arc fault energy released within the switchboard when compared to using ‘normal’ protection settings.

With the Arc LogiX system it is possible to reduce incident energy released during an arcing flash, potentially reducing the level of PPE required to be worn by electrical staff while working in the low voltage switchroom*.

**Arc flash study should be undertaken by a recognised professional to confirm the arc flash energy levels and the recommended PPE.*

Choose the right system

Arc LogiX is a fully assembled NHP system that is available in a basic ‘Plus’ version or an advanced ‘Premier’ version. Installation into the switchroom and wiring to the Terasaki TemPower 2 ACBs is to be undertaken by an electrical contractor. The Plus model provides system activation using a simple key switch.

The Premier model is the advanced system that is activated via an integrated touchscreen which is mounted on the front of the controller unit**. The touchscreen not only allows system activation, but it visualises the core energy management measurements, protection settings, trip and alarm events of the connected ACBs. SMS activation and warning message functionality are standard.

Key Benefits of Arc LogiX

- Greatly reduces the danger to people and damage to infrastructure caused by an arc flash
- Easy to use by maintenance workers
- Validated method of arc flash mitigation as outlined in AS/NZS 3000:2007 clause 2.5.5.3
- Performance confirmed by a NATA approved Australian test laboratory
- Full system visibility via integration in SCADA or BMS systems
- Suitable for use with many older Terasaki TemPower 2 ACBs
- Flexible cost investment as Arc LogiX has a basic model which can be upgraded to an advanced model
- Ideal for installation during an ACB retrofit

To implement an intelligent power distribution system from NHP, visit nhp.com.au/more/arclogix

*** HMI can be mounted separate to the controller enclosure as a special request.*

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NHP Electrical
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