ISSUE 2

TRAFFIC NEWS

TTL Awarded 5 year Lighting Contract by Ausgrid

see page 3 for full story

Surviving COVID-19

2020 has been a year of uncertainty for Australia as a whole. Starting with the horrific bushfires and followed by COVID-19.

During this time TTL has been able to continue to provide full employment for all its employees, which is very positive. Following government guidelines, TTL has taken every step to ensure employees are made safe and fully aware of procedures and policy, through regular memos and updates. They have been providing masks, gloves, hand sanitizers, implementing social distancing and daily temperature checks. TTL has been fortunate to have "Essential Services" status from the start of the outbreak.

TTL would like to thank every employee for a great job in following the guidelines and we now find ourselves in the fortunate position of zero cases in Victoria. Let's keep the safety and awareness measures going.

LMTS

L&M TRAFFIC SERVICES are off to a great start with Level Crossing Removals

See page 13

TRAFFIC TECHNOLOGIES

TTL Group Rebrand

For some time now the Traffic Technologies group have been using logos which look quite different to the overall TTL branding.

Using the TTL red logo on all the literature and catalogues, it is now the best time to bring the TTL group into line. For this to happen the marketing department have developed complimentary branding across the group, with the exception of Sunny Signs and Norsign whose branding is to remain the same.

The rebrand will identify each division of TTL under one umbrella. The new logo brand will be in line with the red Traffic Technologies Logo, and will be applied to Aldridge, QTC, De Neefe and LMTS.

The new logos will be introduced into all related stationery and marketing collateral gradually over the next few weeks and applied to all new business cards as they are reordered. Our marketing department will be introducing the changeover through social media and the website.

ALDRIDGE QTC DENEEFE LMTS

ALDRIDGE

iTOUCH contact free push button control is making our streets safer

The Aldridge iTOUCH trial has been making headlines in cities around Australia as well as being trialled on some of the streets in Ireland.

Aldridge iTouch is the latest technology in touch free pedestrian push button controllers.

The iTouch has been installed in many cities throughout Australia including Adelaide who were pleased to be the first council in SA to install the iTouch. Featuring on the ABC news and local radio, the iTouch has been well received.

Lord Mayor of Adelaide Sandy Verschoor said this smart technology aligns with one of Council's strategic outcomes to ensure the city is safe and well-connected for all people and all transport modes. He stated:

"This is a great initiative as it helps keep pedestrians safe while still delivering a positive result for those who cycle, ride a motor bike or drive a car through our streets.

While we appreciated the benefits of full automation, with this on-demand solution you get a win for everyone in terms of safety and hygiene for pedestrians, along with reduced stops and traffic congestion for cyclists and motorists.

Just like the City of Adelaide's UPark Plus initiative, people really appreciate the availability of contactless and convenient technology at a time like this, so I'm glad we're conducting this trial."

Should the trial be successful, Councillors will have the opportunity to consider installing more iTouch controllers throughout the city and North Adelaide in the near future.

The Aldridge iTouch is sold as a complete clean install or can be installed into current sites very simply using the existing equipment, this has the advantage of substantial cost savings for local government and authorities.

For more information contact our Aldridge sales team in your area.

New installation of the iTOUCH in City of Norwood, SA

Aldridge prides itself on delivering a ***reduction*** of 12,308 tonnes greenhouse gas emissions to our customers in 2019

5 year LED Lighting Contract Awarded to TTL for Aldridge 'Category P & V' Smart-City Ready LED Street Luminaires

Traffic Technologies (ASX: TTI) is pleased to announce it has been awarded a 3 Year Contract with the option for a further 2 years to supply LED street lights to the Ausgrid Operator Partnership ('Ausgrid') in New South Wales, commencing delivery in August 2020.

Ausgrid Contract

Ausgrid is an electricity distribution company which owns, maintains and operates the electrical networks supplying 1.7 million customers in Sydney, the Central Coast and Hunter regions of New South Wales. It was formed in 2011 from the previously state-owned energy retailer/distributor, EnergyAustralia, when the retail division of the company, along with the EnergyAustralia brand, was sold by the Government of New South Wales, and the remainder renamed Ausgrid. **Ausgrid currently own and maintain over 250,000 street and road lights covering P and V category lighting.**

Australian Street Light Market

There are around 2.3m street lights in Australia of which approximately 20% have to date been switched to LED technology. According to the Government's energy rating body, IPWEA, street lighting is the single largest source of carbon emissions from local government, typically accounting for 30–60% of their total emissions. Compared to halogen and fluorescent lighting solutions, LED lights use less power per wattage output. This translates to less energy consumption, thereby reducing harmful CO2 emissions.

Managing Director, Con Liosatos, said:

> **"We are proud to announce this significant contract with Ausgrid following an extremely comprehensive and technical tender process. We look forward to working with Ausgrid in delivering state of the art lighting and the development of innovative technology for the future. The award of this contract follows on from the Company's success in supplying LED streetlights for use by state road authorities and local councils across the eastern states of Australia."**

AUSGRID APPROVED RANGE		
Luminaire	Category	Wattage
V-LED	V Category	60W 75W 175W 250W
P-LED	P Category	14W 40W
H-LED	High Mast	600W
E-LED	Security	650W
FLUD	Floods	150W 200W 240W

ALDRIDGE
LED CARPARK LIGHTING

THORNDON PARK RESERVE, CAMPBELLTOWN, SA

Black P-LED II

Aldridge Traffic Systems were awarded the contract to design, supply and deliver new LED lighting to the carpark and footpath at Thorndon Park Reserve, Campbelltown SA.

SA Manager, William Leach tells us more...

Aldridge Traffic Systems were engaged by Campbelltown City Council to design, project manage and deliver AS/NZS 1158:2005 compliant LED Lighting to an existing car park and park entry pathway at Thorndon Park Reserve. Campbelltown City Council preferred the Aldridge P-LEDII to competitor's solutions. The project's lighting installation comprised of 50 black P-LEDII luminaires mounted atop 6 metre base mounted light poles, using either a single or double headed luminaire. The entire project was delivered over three separate construction phases and finally completed in March 2020.

The newly installed P-LEDII luminaires have greatly reduced the fear of crime, vandalism and graffiti and created a much safer environment for the community who frequent the park reserve and use the recreational facilities. The new lighting was especially appreciated by visitors to the recent council Moonlight market festival.

The P-LEDII post top installed fixtures, have a semi-cut off protective lens with efficient downward light distribution ensuring minimal upward light wastage to the night sky. Where necessary backlight shields were fitted along the carpark/residential boundaries to control light overspill.

Campbelltown City Council is pleased to save costs with the decreased running costs of these luminaires and now the Council's reduced carbon footprint is a bonus point, as the P-LEDII luminaire is extremely energy efficient.

COMO-P

CITY OF MITCHAM PREFERRED LUMINAIRE

The COMO 30W is now one of City of Mitcham council's preferred luminaires featured on the council's 'Electricals Services Asset Register'.

Work began in February 2018 to upgrade more than 5000 street lights to energy efficient LED lights across the City of Mitcham.

The LED upgrade will not only improve lighting levels in residential streets, it will result in net annual savings of approximately $293,000 per annum over 20 year life of the installation of LED lights through reduced energy usage and lower maintenance costs.

Street lighting is the single largest source of greenhouse gas emissions from local government in Australia. LED lighting is a much improved light than the old technology and can potentially save up to 82% in the council's lighting energy use. This reduction will in turn, lower greenhouse gas emissions by approximately 605 tonnes a year.

The residents of Sierra - Nevada Drive in the City of Mitcham SA, have very positive comments about the COMO. The council chose the post mounted luminaire as it is not only contemporary but has an aesthetically pleasing presence to grace any street and suburb.

Die cast in marine grade aluminium the super smart COMO luminaire is available in 5 wattages (14, 20, 26, 52, 88). It also has 5 available mounting configurations; catenary, post top, post side, side spigot, and top spigot, making this luminaire very adaptable for many situations.

According to the Government's energy rating body, IPWEA, street lighting is the single largest source of carbon emissions from local governments, typically accounting for 30–60% of their total emissions. Compared to halogen and fluorescent lighting solutions, LED lights use less power per wattage output. This translates to less energy consumption, thereby reducing harmful CO2 emissions.

Photo -Boston (L) Berlin (R)

TASMANIA UPGRADING 2,400 STREET LIGHTS TO ALDRIDGE ENERGY EFFICIENT LED LIGHTS

Clarence City Council's commitment to energy efficiency is confirmed by the installation of 2,400 new 14W LED streetlights, rolled out across the municipality, and completed in June this year.

The installation forms part of the Great Southern Lights project – a collaboration between six councils, the Local Government Association of Tasmania and TasNetworks that will see streetlights changed over to 14 Watt LEDs.

The six participating councils in the Great Southern Lights project include Clarence, Kingborough, Brighton, Tasman, Sorell and the Central Coast.

Clarence City Council's Mayor, Doug Chipman said investing in local infrastructure had never been more important.

"This LED streetlight rollout is just one example of how council is, and will remain, committed to investing in infrastructure and our community, ensuring the economy remains stable during this difficult and uncertain time,"

He also stated

"Street lighting is our single largest source of greenhouse emissions and is a significant proportion of council's overall operating budget."

Aldridge LEDs use up to 82% less energy than the existing streetlights, require significantly less maintenance and improve public amenity. Across the six councils, it is estimated that 420 tonnes of carbon dioxide will be saved per year, which is equivalent to removing 3,600 cars from the roads over 20 years.

"The roll out of these new energy efficient lights aligns with our vision to become a creative and innovative city and will go a long way in enhancing the quality of life in our community, helping us deliver an essential service at a much lower cost."

Mayor Chipman.

STUDENT ZIAH – TRAFFIC SIGNALS PROJECT

Dear Aldridge Traffic Systems,

I am a teacher in a Disability Unit at Mount Barker High School Disability Unit and my students are currently completing their Research Projects, a requirement for their Modified SACE (their equivalent of a modified high school certificate). The students in my class have varying levels of intellectual disabilities and range from the ages 13-18yrs. One of my students, a boy named Ziah, is very interested in all things traffic lights. He has developed his own project questions and would like to ask them to someone in the traffic light business. This would be in an email interview (he would send through the questions for you to answer if you were able to). One of the life skills we are practicing is sending an email and an attachment. I have attached the questions that he would send through (just so you have an idea what he will ask), but I will not tell him and I will get him to send them directly to you. Do you have anyone in your business that may be willing (or able) to respond to his questions?

Thank you in advance and I really appreciate your assistance.

Kind regards,

Kim

When Kim, a teacher from Harold Mitchell Centre, Mount Barker High School Disability Unit in SA reached out to Con Liosatos at Aldridge to ask for help for one of her students, it was a welcome call to action for us here.

Ziah, 18, is a student attending the Mount Barker High School disability unit, he expressed an interest in all things "Traffic Lights" and chose this subject to be his research project for his **High School Certificate**. Traffic lights are his favourite interest and his enthusiasm for the lamps led his teacher, Kim, to approach Aldridge with a request for Ziah to email our sales exec. William Leach, in SA with project questions related to lights that he would like answered.

We were so pleased with Ziah's avid interest that we chose to send him a package containing posters and catalogues which would show him the very many different types of traffic lights and configurations available. With a surprise gift of a pedestrian lamp for his bedroom, as well as his posters and catalogues, Ziah was absolutely delighted and couldn't believe he had a real traffic lantern for his room. His parent were overwhelmed and Kim expressed her thanks for Aldridge's help and said ***"I cannot believe that people that do not know our students are so willing to go out of their way to make an experience so special. "***

Ziah also wrote an email, which is part of his project, which went as follows...

Dear All,

Thank you for the pedestrian light. I was very happy when I was opening it.

I was very excited when I saw it. When I took it home I put it in my room. Mum and Dad thought it was great. I would also like to say thank you to everyone else that sent me things and answered my questions. You are all fantastic!

From Ziah

We all wish him the very best for the future and success in his course work. We hope we will hear from him again in the future. Perhaps regarding a visit to Aldridge to see the traffic lights being made in Rhodes, Sydney.

A big thanks to Kim who kindly sent these photos of Ziah to us with the kind permission from his parents.

SRAS INSTALLATIONS

Aldridge Engineers, Patrick and Serdjo *(seen below)* **recently installed SRAS (Side Road Activated Signs).**

The SRAS trials are up and running in nine initial locations within Victoria. Hastings and Inverloch were especially selected for the first trials because of the history of traffic collisions in this area due to side road access to the main highway.

Aldridge are about to install SRAS in 3 more locations within Victoria as the system benefits are realised.

The SRAS system was designed and built by Aldridge. SRAS is an innovative solution applied to high speed rural intersections to reduce the risk of a serious injury or death.

'The Safe System Principle' of collision speeds note that the survivability of a side impact crash dramatically decreases when a vehicle impacts another vehicle at speeds greater than 50km/h.

Vehicles travelling on a side road approaching an intersection with a major road, triggers a detector which activates a temporary speed reduction on the major road using **ESLS (Electronic Speed Limit Signs)**.

The ESLS reduces the speed on the main road from the designated speed down to 70 kph. This speed reduction allows vehicles travelling on the main road to react and reduce their speed, so that if a crash occurred at the intersection between a vehicle on the main road and a vehicle on the side road, the vehicle on the main road would be travelling at a slower speed at the point of impact, reducing the possibility of a serious injury or even fatality.

This new SRAS sensor technology will cut serious injury or death by 80% at the impacted junctions.

Pictured Patrick Connolly (L) and Serdjo Sirol (R)

SRAS in operation, located in Hastings VIC.

News from Aldridge UK

Scott Linley our UK sales manager, together with our IoT specialist in Australia, Jamie French, have been in recent negotiations with partners in the UK.

Aldridge UK has been working to complete a framework tender to supply goods and services to YPO (Yorkshire Purchasing Organisation).

YPO is a publicly owned organisation who supply local government and authorities with channels to purchase goods and services. YPO is managed by a committee of elected representatives (local councillors) from 13 public sector member authorities and 71 associate members from councils throughout the UK.

The tender scored top marks in all areas of criteria and together with our partner we have been awarded a contract term by YPO for 4 years.

Under the agreement Aldridge will be responsible for the supply and implementation of –

- Exterior Electrical Products and Equipment
- IoT and CMS.

Aldridge UK have signed a partnership agreement for the supply and services of Exterior Electrical Products and Equipment and IoT Services. Which presents new opportunities for Aldridge and TST and in the UK.

TST is now trialling in Portlaoise.

Portlaoise is the county town of County Laois, Ireland. The Town Centre is designated as an Architectural Conservation Area, reflecting the special architectural character of the groupings of buildings and spaces therein.

TST to Trial in Ireland

One of Aldridge UK's clients, with an established customer base in Ireland, delivered an ideal opportunity for conducting a trial using the TST Smart City platform utilising Aldridge products.

The equipment being trialled includes several Aldridge Flat luminaires and the iTouch contactless pedestrian button as well as many other Aldridge sensors and controllers.

The trial for Portlaoise Council, is located in Abbeyleix Road. This is a significant road for the council as it is one of the main arterial roads to the Portlaolise main shopping and pedestrian areas.

The trial makes full use of the Smart City TST System capabilities and will run for 3-6 months. A joint case study will then be created to demonstrate the success of the trial which will include statements from all parties involved including the council.

This trial should open plenty of new opportunities for TTL and Aldridge UK.

NEWS FROM De Neefe

360° Solar Powered LED Speed Detector Warning Signs

Bringing lots of interest is the new De Neefe – Solar Powered LED Speed Detector Warning Signs. Thanks to the SolSolution Solar Cylinder 360° hexagonal solar panel, the unit can capture the sun throughout daylight hours from all angles. This makes the sign incredibly energy efficient and the cost of installation is greatly reduced compared to standard wired units.

Whilst the speed activation changes constantly from 0-99, the SLOW DOWN message only comes into operation when activated by a speeding vehicle.

The sign can be integrated into an existing platform or through the TST Smart City platform. These units can also operate independently. With these benefits, the signs can be installed almost anywhere including remote locations.

The printed section of the sign has 8 standard messages but can be customised to accommodate your own message. The option to print your own council logo in the top right is available.

The printed prismatic sign board is super-reflective, bright and efficient, as well as being extremely easy to read in all driving conditions. These signs are very robust and meet the regulations for street signage. The background is available in 5 standard flouro colours plus white to suit your requirements.

Contact our sales team for a catalogue.
03 9430 0222 or tt@trafficltd.com.au

High visibility printed message of your choice, including:

- SLOW DOWN
- DRIVE SAFELY
- SCHOOL ZONE
- YOUR SPEED
- REDUCE SPEED
- CAUTION WILDLIFE
- WELCOME TO...
- FLOOD ZONE

Introducing **Delineator** and **Big Foot**

Road and Parking BOLLARDS from De Neefe

Delineator is a giant signage bollard, especially designed to indicate highway and road junctions. It is also widely used to alert vehicles of upcoming obstacles, lane separation and dangerous situations. Manufactured from nontoxic polyethylene the Delineator is extremely strong, durable, U.V. resistant and recyclable. The cylindrical Delineator is hollow with a large screw top, allowing the filling of ballast, water or aggregate bags. It has a drainage plug located at the bottom to empty the ballast. This robust beast also comes in a variety of other sizes, so don't be put off by this size!

Big Foot is a versatile and compact 6 stackable parking bollard, which can be used as a stand alone zone delimiter or used in conjunction with road signs, indicators and other traffic regulators to direct traffic. This bollard is ideal for positioning from moving truck when road work delimiters are required.

T-Beacon

Flashing Solar Rechargeable Beacon

Features
- On-Off Switch
- Rechargeable
- Battery Back Up

Suitable For
- Multi-Message Frames
- Box Edge Signs

Can be Used For
- Remote Work Areas
- Traffic Speed Reduction
- Management Operations Anywhere

Tell me more...
Call: 03 9430 0222
tt@trafficltd.com.au

DON'T FORGET TO ORDER YOUR De Neefe SIGNS CATALOGUE

03 9430 0222

RECORD BREAKER MIKE

Mike Healy retires, holding the record for the longest serving employee of De Neefe Signs since the company was opened in 1926

Pictured
Mike Healey (L) and Hanna Taouk (R)

Mike has been with De Neefe Signs for almost 52 years. Starting out as a young man on the factory floor, as a letterpress sign printer in 1968 at the Richmond factory. Lots of things have changed over his time and Mike remembers the major landmarks.

Hanna Taouk - De Neefe
National Operations Manager...

"Mike has been a much-loved member of the De Neefe staff, he is always smiling and happy, which makes him a great person to work with. A much-valued member of our Customer Service team he has been a great asset to the company. Working up from the factory floor to his current position as Estimator and Customer Service, makes Mike one of the most experienced and most knowledgeable employees, he understands all the processes from order to delivery. Together with his daily dealings with major customers and new clients, we are sure that his winning personality keeps our customers very happy. He will be missed by everyone here. We wish him all the best in his retirement."

Mike now steps out of his working life to spend more time with his wife, Arina who retired last year as a specialised teacher for the deaf. Arina too, has worked for De Neefe, as has all Mike's immediate family at some time, either for work experience or as an employee.

Asked if Mike has any advice on his secret to happiness, he replied *"The most important thing in life is family, they mean the world to me. Another piece of advice is keeping fit, I walk every day for at least half hour"*. (Most of you who know Mike will know how much he values keeping fit, walking every lunchtime with him work mate Travis.)

Mike is an avid HAWKS supporter as you can see from the fantastic piece of artwork which was given to Mike as a leaving gift from one of his work colleagues. We think that is one great leaving gift and will be a great reminder of Mike's time with De Neefe.

Mike has three wonderful grown children and three gorgeous grand-children, so he is looking forward to spending more time with them, as well as keeping busy with house renovation.

Asked if he had to change anything in his time at De Neefe, he replied *"I have loved working here, I suppose I would have liked to try being on the road meeting customers face to face but that is the only thing"*

All will miss seeing Mike day to day but we wish Mike the very best for his retirement and a long and happy future.

Tom Holmes will be taking over from where Mike left off, and Tom has been introduced to all the customers and contacts.

LMTS Off to a great start with TTL

Melbourne Level Crossing Removal Project

LMTS are off to a great start under TTL. Contracts have been rolling in and the outlook is looking very positive for the forseable future.

LMTS have been serving Victoria since 1985, and during that time, LMTS has developed a strong relationship with VicRoads, local councils, road and rail contractors and the emergency services. LMTS's skilled technicians have extensive inhouse resources to support and ensure that the company remains at the forefront of traffic signal and public lighting installation.

LMTS have been heavily involved in the Melbourne Level Crossing Removal Project (LXRP) at several sites, the largest projects completed at McLeod Street, Station Street and Nepean Highway intersection. Currently LMTS is undertaking the construction of seven pedestrian sites, all within close proximity to the main sites.

LMTS Traffic Services were also part of the Seaford crossing removal project for the Southern Programme Alliance (SPA) in 2019.

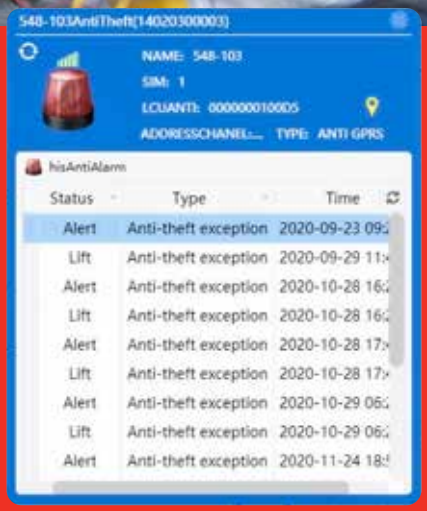
Specific products and services provided by LMTS, included all civil and electrical construction for the full traffic signals upgrade, together with all the associated hardware for each site. LMTS's highly experienced team of civil and electrical staff were engaged to complete the projects, on time and on budget.

The level crossing removal programme sites operate on extremely tight schedules, minimising interruptions to both road and rail commuters. LMTS only had access to the rail corridor at the Nepean Highway site for five days before the agreed completion date. The challenge was compounded by the adverse weather conditions, with high winds and heavy rain enforcing restricted works and even site closures. To achieve site hand-over on schedule, on budget and without disrupting the train network was a great achievement by the LMTS team.

Amongst the many major projects recently completed by LMTS was the Stage 1 Plenty Road, Mill Park upgrade for Major Road Projects Victoria. LMTS is working on the Major Roads Projects Victoria, Mordialloc bypass project for McConnell Dowell / Decmil Joint Venture (MCDDJV)

Trevor Chambers takes on the role of General Manager and can be contacted on (03) 9768 2637.

iTheft Anti-Theft Technology



iTheft – Cable Anti-Theft Sensor Unit has been deployed in Victoria

Through the existing deployment of TST in Victoria, the TST team working in collaboration with the Department of Transport Victoria have developed an integrated theft alert management tool for detecting theft of electrical cabling. The TST iTheft Sensors and RTU are located within the roadside cabinet and the sensor devices are attached to the cable, located at each end of the run. The system is designed to monitor the status of the incoming mains so that any reduction in a reading would alert the central system indicating a cable theft alert. Each iTheft Sensor is fitted with a small battery and communication device that ensures the units remain operational for a certain period of time during a power failure to alert the system. To date 12 units have been installed in Victoria with discussions ongoing to add more.

In November this year three men were charged with stealing more than half a kilometre of underground copper cable in Adelaide's west after being caught in the act by an off-duty police officer. The theft of copper cable is becoming more frequent, so TST iTheft is a perfect solution to montioring cable security.

TST Ai Sensors

- iCell - LED - Smart Street Lighting
- iWaste - Waste Bin Sensor
- iTheft - Cable Anti Theft
- iTilt - Motion/Movement Sensor
- iPark - Parking Sensor
- iPeople - People or Unit Counter
- iStation - Rainfall Sensor
- SmartLock - Cabinet Security
- iAccess - Manhole Cover Sensor

Lighting up South Australia

RTU Controls Gateway South Project in Adelaide

In December 2020 ATS completed the supply and installation of over 400 controlled streetlights through the Gateway South Project in Adelaide. The project is a significant milestone in the development and deployment of the TST System with all the assets being monitored and controlled by **just three Remote Terminal Units** (RTU) working in conjunction with centralized LUX meters, managing the output of light to the road users. The project has taken a little over 12 months to complete with full sign off and acceptance expected late December 2020.

VC6 Traffic Controller

QTC Traffic Controller New CM3248-VC6 Command Module fully compatible with latest TRAFF versions and RMS amendment to TSC/4

The new Command Module CM3248-VC6 was designed to run the latest RMS Traff VC6 software. The software supports 32 signal groups, 48 loops and 48 pedestrian push button inputs and both Traff VC6.1 for SCATS 6.9.3 and VC6.2 for SCATS 6.9.4, are supported.

External SDRAM of 64MB for Processor 1 and 32MB for Processor 3, both expandable up to 128MB ne advantage of running from internal memory is that both the flash and RAM are exceptionally fast: 120MHz (equivalent to an 8.3ns access time) and 240MHz (equivalent to 4.3ns access time) which are much faster than anything achievable with external memories.

Communication between Processor 1 and Processors 2 and 3 is via USB2.0 signalling.

The CM3248-VC6 processors have:

- Internal 4MB flash memory with the possibility of securing the memory against unauthorised access
- Internal 512KB of RAM memory
- External flash memory of 32MB for Processors 1 and 3
- External 2MB RAM for Processor 1, expandable to 16MB

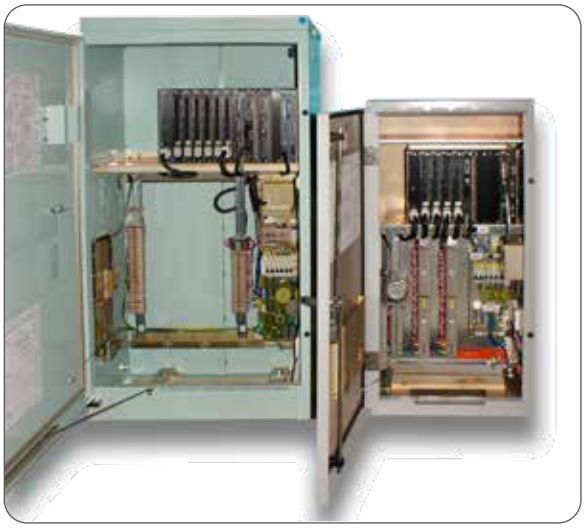
QTC and SCATS

Established in 1995, Quick Turn Circuits Pty Ltd (QTC) has a long history in developing, manufacturing and maintaining traffic and transport related systems for over 25 years. QTC is the leading manufacturer of traffic controllers in Australia.

QTC Traffic Controllers are based on the SCATS (Sydney Coordinated Adaptive Traffic System) and is used and operated in 27 countries and controls over 37,000 intersections worldwide. QTC is an authorised distribution partner of the SCATS System.

As a leader in the design and delivery of innovative and cost effective solutions for engineering and commissioning of transport and traffic systems, QTC ensures that product and systems development are certified to a ISO9001:2015 standard, which qualifies QTC to be competitive and world class in function and performance, and therefore providing reliable operation in all possible environments to a global market. This includes the successful supply of product and traffic control systems to countries including; Australia, UK, Colombia, Ecuador, Ireland, Qatar, China, Brunei, Malaysia, Singapore, Hong Kong, Samoa, New Zealand and Pakistan.

scats
DISTRIBUTION PARTNER



Season's Greetings

TTL wish you and yours a very Happy Christmas, Happy Holiday and a Prosperous 2021. Keep safe on the roads and we look forward to new opportunities that the new year brings to all

Con Liosatos and Staff at TTL

Fact

The longest straight road in Australia is 145.6 km across the Nullarbor Plain and it's the second longest in the world!

TRAFFIC NEWS DESK

Contact marketing

mkg@trafficltd.com.au

Traffic News is an in-house publication for Staff and Customers of the Traffic Technologies group of Companies

If you have a newsworthy article that you would like to feature in the next Traffic News edition, or you have any comments, please contact our marketing dept.

TRAFFIC TECHNOLOGIES | ALDRIDGE | QTC | DENEEFE | LMTS

Head Office: 31 Brisbane St. Eltham VIC 3095

03 9430 0222 tt@trafficltd.com.au

trafficltd.com.au