



# Capability statement



Electrical  
Infrastructure  
Specialists

**The AHT Group was born from Adelaide Health Tech – well known as the industry specialist in delivering high quality communication and electrical services within operational environments – particularly healthcare facilities.**

**We also offer specialised services for all other sensitive environments, including education facilities.**

The AHT Group (AHT) is the best at what we do because we invest time in the continuous training of our people. Our team focuses on the delivery of industry best-practice outcomes, and minimising the impact on facility operations and users.

The clients we work with know that we will reduce their risk and always consider whole of life cost benefits.



# WHAT WE DO

## CONSULT

We work with our clients to develop and shape concepts into a clear, fit-for-purpose plan.

Whether it's a major hospital or local primary school, we understand each and every facility inside and out.

Our clients' benefit from AHT's early involvement. Our in-depth understanding of what the end user needs combined with extensive industry experience means we can influence whole of life project outcomes, right from the outset.

## CONSTRUCT

We bring concepts to reality with the utmost accuracy and attention to detail.

We employ a team of highly skilled and trained trades, but more importantly, a team who shares our passion for driving end user and client focused outcomes.

The AHT team is proud of how we do business, working collaboratively, safely and pro-actively with our clients while remaining sensitive to facility users within operational environments.

## COMMISSION

We remove risk by maintaining the strictest adherence to safety and compliance standards.

At AHT it's not just words, we really are specialists in our field.

Working at the forefront of industry technology, we leave our clients with a safe and compliant installation.



**Electrical Services** including power and lighting, preventative maintenance, compliance audits and more.



**Communications** infrastructure including, structured cabling systems (fibre and copper), wireless networks, voice and MATV.



Design, supply and commission of **Nursecall** for acute and Aged Care settings as well as design and implementation of bespoke systems.



**Security**  
Security, Access Control and CCTV for Health, Education and Commercial installations.



**Audio Visual**  
AV Installations from smart TV's to Projectors, Hearing Augmentation and PA Systems.



**ICT Networks** Installation and Facility Patching for Base Network Infrastructure Hardware and BMS Integration.



**The AHT Group has spent 25 years at the forefront of a rapidly evolving communications infrastructure market. We pride ourselves on staying up to date with the latest technologies and installation practices.**

### **We know the market.**

We understand that not everything is straightforward and that construction environments change rapidly. Our team is highly adaptable, creating efficiencies in how we work through situations whether it is:

- Access issues
- Adverse situations
- Sensitive considerations.

AHT's team of highly skilled trades with vast experience enables us to produce outstanding results in communications infrastructure install.

We offer:

- Nursecall
- End-to-end structured cabling solutions (Fibre and Copper)
- MATV
- Audio Visual
- Security.

## **THE IMPORTANCE OF ACCURACY**

**We understand that the by-product of effective communication is accuracy.**

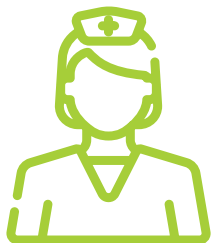
AHT's foundation is built on quality and accuracy – from early and ongoing conversations right through to project completion; our team ensures clarity and pragmatism across all communications, providing our clients with the opportunity to effectively measure its return on investment.

## **SAFETY IS EVERYTHING**

**The safety of our people and the many stakeholders we interface with on a daily basis is our utmost priority.**

We have developed, and continue to evolve, an elite safety culture that we are immensely proud of. Our HSEQ culture is underpinned by a drive to never rest on our laurels. Our sustained focus on betterment is evident across all AHT staff. We continue to be one of only three contractors to hold a Spotless safety maturity rating of 5.

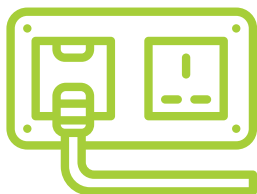
# WHAT WE DO



## Nursecall

AHT has over 22 years' experience in the design, installation and maintenance of acute care nurse call system technologies throughout South Australia's leading medical facilities. We specialise in the design and implementation of systems within fully operational hospital environments as well as Aged Care and bespoke systems.

AHT is the premier partner of Hills Health solutions and proudly promotes the Merlon IP7100 Fully IP Nursecall system.



## Structured cabling

We pride ourselves on staying at the forefront of new technology, supporting our clients in future proofing their facilities for many years to come.

Our experience in the design, install and maintenance of network infrastructure coupled with our ever-evolving adaptations to new technologies, gives our clients the confidence that their facility is at the leading edge in a rapidly developing world.



## Our partners

AHT partners with leading enterprise technology suppliers to ensure the best solutions for your projects.



CommScope: Amp Net Connect, 25 year warranty partner



Molex, 25 year warranty partner



Schneider Eco-Xpert Datacomms, 20 year warranty partner



AFL Global, Certified Business Partner, 20 year warranty partner





We understand that when working in an operational **health** facility, patient safety is paramount. Based on our extensive experience working within the health sector, we truly can offer you a solution that will provide peace of mind.



**AHT is South Australia's leading electro-technology services provider in the health sector, having worked in every major hospital, and is qualified to install and certify to AS3003.**

While AHT operates across a variety of sectors and facilities, we are firmly positioned as the leading provider in the health sector. We make it our business to be at the forefront of the latest technology, industry standards, and accreditations.

## HOW WE DO IT

### Royal Adelaide Hospital



### Women's and Children's Hospital



#### Design and implementation of patient entertainment solution

Over 800 beds received new infrastructure via the design and implementation of a mounting solution for patient entertainment.



#### AS3003 commission

Accurate commission of patient area electrical installations throughout the NRAH's critical care settings ensuring peace of mind to clinicians and patients.



#### Hills IP Nursecall upgrade

The outdated Nursecall system was upgraded to the IP7100 Hills Merlon system, servicing the hospital's east wing. The project was delivered in a fully operational hospital on-time and with minimal disturbance to patients.



#### AS3003 Upgrades

A retrofit upgrade of the ageing electrical infrastructure was undertaken to achieve a fully AS3003 compliant environment. This was an intricate and precise project delivered across multiple active wards as part of the WCH sustainment program.



### Installation of the EPAS wireless network

Clinicians and staff were connected across the entire site through an extensive network comprising of over 750 wireless access points across seven buildings.



### Installation of a new Nursecall system

Following a design and consultation process, the East Wing was upgraded to the IP7100 Hills Merlon system with the AHT team achieving on-time delivery and minimal disruption to patients.



### Installation of the EPAS wireless network

AHT was responsible for the supporting infrastructure for the first rollout of the EPAS wireless system within a major hospital. Working closely with the EPAS team to adapt all areas of the hospital to accommodate the new system, AHT delivered the project on time and within budget.



### Patient area compliance audit and upgrades

An AS3003 compliance audit was undertaken followed by an extensive upgrade program throughout the fully functioning general ward areas. AHT effectively balanced patient comfort and safety while ensuring an effective and compliant outcome was achieved for the hospital.



### Flinders infusion suite upgrade

A complete electrical services package was delivered, providing much needed additional capacity to the cancer care services. The project was completed to schedule in a fully operational hospital, under tight time-frames, and with minimal disruption to patients.



### Sleep study unit relocation

The sleep study unit was moved to a new location and included a multifaceted installation, inclusive of an intricate lighting control system and patient area electrical install.

## Former Royal Adelaide Hospital



## Queen Elizabeth Hospital



## Flinders Medical Centre





While the AHT Group is well known in the health sector, we also have an exceptional track record of comparable **education** projects. We work closely with our clients early in the project, offering proven solutions that sit at the forefront of e-learning technology.

When it comes to working in the education sector, we understand the importance of delivering e-learning solutions in and around tight timeframes, ensuring there is minimal or no disruption to the school terms.

## HOW WE DO IT

### Tatachilla Lutheran College



### Wynn Vale Primary School



Our impressive portfolio of successful education projects is testament to our team's ability to remain agile and adaptable to the needs of any project, effectively transferring knowledge and skills to a sector that requires the same level of precision and decorum.



#### Replacement of existing communications infrastructure

A low maintenance communications infrastructure solution was provided to achieve a sustainable e-learning ecosystem, providing flexibility for the integration of emerging technologies well into the future.



#### Energy sustainment project

Through a thorough audit process, AHT delivered substantial savings through the installation of sustainable LED Lighting within Wynn Vale Primary School.





## Whole of campus connectivity project

Fibre optic cabling was installed across a sprawling campus to achieve connectivity between all buildings.

The project was successfully delivered under tight time-frames and within budget.

## Sacred Heart College



## Fibre network installation

A new multimode fibre network was installed across a wide-reaching, ever evolving campus.

The project was delivered efficiently under challenging circumstances.

## Thomas More College



## Taphouse, Festival Centre



## Design and construct of a destination food and beverage venue

Further demonstrating depth of AHT's industry capability, we worked in collaboration with Metron, who managed the facility design, to deliver an end-to-end electrical services solution.

The partnership between AHT and Metron has supported the States objective to transform the Adelaide Riverbank Precinct into a 'must see' destination, providing thousands of sports fans with the ultimate venue.





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