TPLCONNECT

Enabling the design and delivery of technology projects.

Who is The TPL Connect?

TPL Connect is a privately owned ICT consulting firm with staff and resources across Australia. TPL was founded to design and deliver technology based projects with independent expertise in ICT Infrastructure and Telecommunications sectors.

Working from the design and feasibility stage, through high level, detailed design and construction phases, the TPL team offers an end to end ownership. Simply, TPL deliver to their designs.

TPL is the most agile and elastic partner of choice for any organization with a dynamic environment.

The advantages of engaging with TPL are many, here's just a few.

- The company is small enough to be bespoke and nimble, however can successfully deliver large scale projects.
- TPL is a staff focused organisation, the flow on is an unparalleled customer experience
- TPL offer tailored engagements for all its clients. No client is cookie cut.
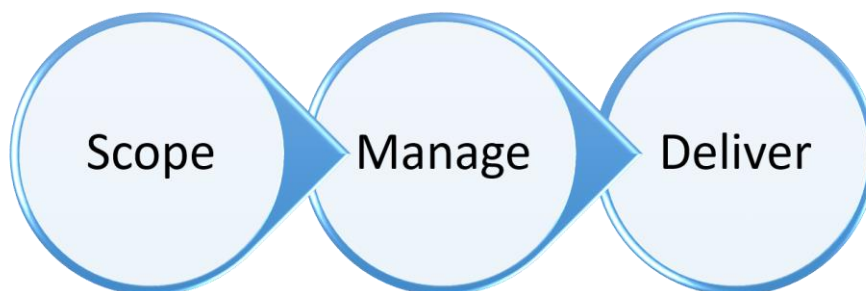- Offering cost effective solutions

Our strengths in ICT

The TPL Connect team excel in the design, speciation, auditing and delivery of technology projects.

Our team have delivered some of Australia's largest, fastest and most dynamic technology projects. From foundation layer services to application layer, TPL deliver.

These include:

- Network Engineering
- Wireless Network
- High Level and Detailed design
- Foundation Layer Systems
- Tender management
- Resourcing requirements
- Project Delivery (PMaaS)

Technology delivered through human intelligence

Services.

Consulting

In the early stages of any project it is important to obtain knowledgeable input on all deliverables within the project scope. TPL staff are unique in that they have a cradle to grave experience base. Our consultants have been (or exposed to) involved in the design and construction of telecommunications projects in an end to end environment. This ensures our consultants can offer services that will be aligned to both business requirements and build restrictions.

Below is the business consulting model:

> ➢ Undertake high Level client requirements meetings
>
> ➢ Manage high level audits and business requirements meetings
>
> ➢ On site (Remote sites on as per situation basis) visits to ascertain current infrastructure

We then take all above points away and deliver a high level suggested actions and scope document outlining the requirements of the client, if any, moving forward. To do this we have a diverse skill base of resources depending on the project type:

> ➢ Network Engineers
>
> ➢ Telecommunications Engineers
>
> ➢ Network Architects
>
> ➢ Wireless Network Engineers
>
> ➢ RCDD's (Registered Communications Distribution Designer)
>
> ➢ LV Design Engineers (RPEQ)
>
> ➢ Civil Designers
>
> ➢ CCTV, Security and ACS Consultants
>
> ➢ UPS Consultants
>
> ➢ Cooling Systems designers
>
> ➢ Fibre Optic & Structured Cabling Design Consulting
>
> ➢ CAD Designers: Telecom, Electrical & Civil

We can work with you and deliver real business improvement outcomes or even provide our resources on contract engagements to bring the team together on a face to face level everyday.

Design

In the design stage TPL work with the project stakeholders to ensure a client centric design:

1. Detailed client requirements meetings, ensuring all stakeholders are present
2. Detailed audit of current infrastructure (In green Field sites this is to be done with consulting engineers, architect and builders). Engage key stake holders to understand all business requirements
3. Undertake first draft of detailed design. Upon client approval
4. Undertake scope of works, finalised detailed design and build BOM.

TPL's diverse infrastructure experience allows the business to confidently offer design services in the below specialised sectors.

- ICT / Telecommunications network infrastructure
- CCTV systems
- Access Control and monitoring
- Public Address Systems (PAGA)
- ICT Earthing System Design
- Telecom & Control Rooms
- Integrated Systems Design: AV, BMS and more
- Systems Integration (CISCO, Brocade and Systems Engineers)
- Civil design: U/G or overhead reticulation
- Back bone network design (Full redundancy)
- LAN, campus & OSP Networks
- Wireless Network Design, modelling and audits
- GPON Passive Optics for Mining Camps and Triple Play
- Network Auditing and reporting services
- Full in-house CAD Team (Design & As-built)

Project Management

TPL Connect is now proud to offer Project Management as a Service (PMaaS). Do you need the fulltime overhead of an experienced Project Manager, or would the ability to have an elastic and agile engagement with a pay as you use policy be much more manageable? We see clients with projects that have a life cycle that may stretch over months, however the Project Management effort is realistically only part time.

With that in mind TPL are now engaging with our clients on a PMaaS engagement model.

How does it work? Let's use a new communications room fit out project that has a scheduled build time of 3 months.

1. Scope the project and PM requirement with you
2. Agree on a PM Block of time (Say 80 hours)
3. Allocate a TPL PM team member and engage project kick off meetings
4. TPL Project Manage the build and attend all required meetings providing weekly status reporting

The advantages:

➢ Only pay for what you use
➢ TPL bring our own assets and reporting tools
➢ Risk mitigation and accountability
➢ Elastic engagement model so should the project be delayed or go on hold you are not paying an expensive contractor
➢ Ability to upscale more projects at any time in an agile environment

What do you get?

The company's experience in project delivery within the Telecommunications and ICT industries has developed a unique blend of project governance. Project delivery is the key driver.

We always believe is risk mitigation, reporting and communication; however we also understand that the purpose of a project is to deliver a result, making TPL very outcome focused.

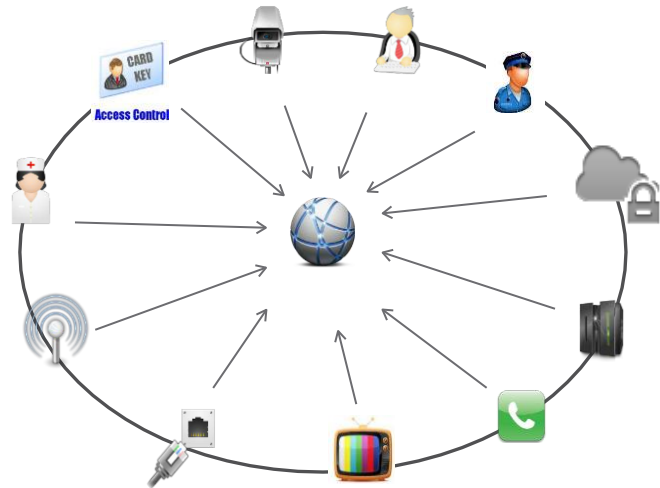The business does this through the following process:

➢ Actively engaging with the client to review tender responses and advise
➢ Undertaking any necessary addendums or reviews
➢ Agreement and signoff with client to undertake project management and delivery
➢ Manage entire life cycle of project and review variations and scope change or creep
➢ Final acceptance and project completion sign off with contractors, builders and client

Technology Streams

Connectivity

In the Connectivity technology stream, TPL offer Auditing, Design and Project Management services in:

- Converged Networks
- Cabling Systems
- Wireless networks
- Data Centres
- OSP (Outside plant & NBN)
- Access Control Systems
- Nurse Call and Patient tracking
- Network Audits
- Enterprise Networks
- CCTV

Power Systems

nsuring uptime for your ICT is often business critical. We analyze and design any UPS system taking into consideration your:

- Uptime required
- Load fluctuation
- Power "Cleansing" requriement
- System prioritisation
- System sizing
- Maintenance & contracts
- Online managed systems

Industry fact: Over 50% of UPS systems in Australia are not correctly maintained and fail during an outage

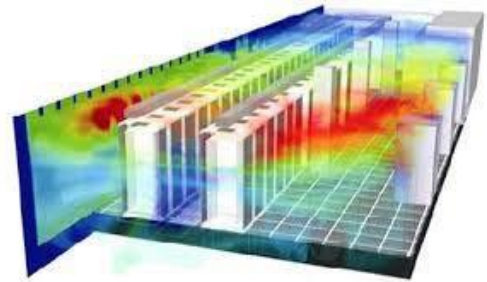Technology delivered through human intelligence
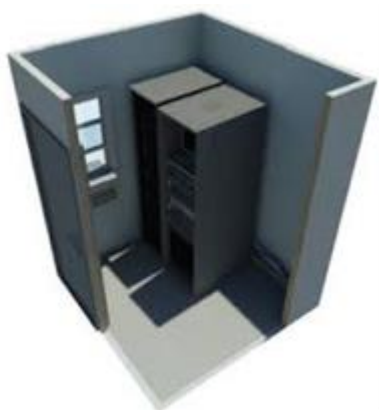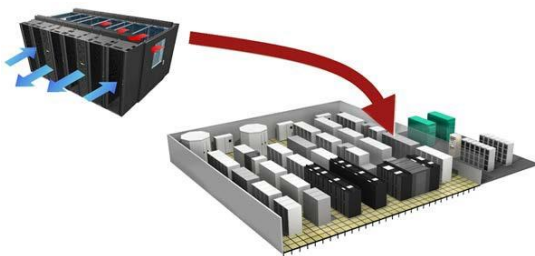
Cooling Systems

Cooling of ICT equipment is crucial. With high temperatures and humidity in Australia ensuring your equipment the correct environment is a must.

ICT Load cooling design considerations and types include:

- Thermal Cooling Design
- High Density Cooling
- Small Office IT Cooling
- Containment Systems
- Plenum & CRAC design
- Overhead chillers
- Direct Exchange System Design
- Free Air Cooling options

Space and Environment

In any building, space is always at a premium. All too often there is not enough consideration given to the ICT space requirements. We work with the architects, engineers and client to ensure:

- Adequate sized Telecommunication rooms
- Data Centre, Rack and Plant layout design
- Cable Pathways and Spaces are design to support the requirement and fit
- Small Office IT design
- Environmental Management Systems (EMS)
- Space Optimisation
- Facilities and plant equipment location

Technology delivered through human intelligence

When and Where?

Queensland Based with national reach

TPL Connects head office is in Caloundra on Queensland's Sunshine Coast, we also have a presence in Brisbane and Sydney with resources in Melbourne, Perth and Adelaide.

Our core values are a huge part of our business. These are reflected in all our actions and is reflected in the fact that all of TPL's clients have re-engaged us.

They are:

- **Honest**
- **Trustworthy**
- **Dedicated**
- **Respectful**
- **Punctual**
- **Consistent**

Starting the journey

In the early stages of your project journey, it is important to obtain knowledgeable input on the drivers that will affect your strategy and plans. TPL work with you to understand the requirements of your project and work on a plan to enable a more efficient and agile delivery through our PMaaS engagement model.

TPL starts its project journey with clients with simple and practical real world steps. We typically undertake the following steps;

1. Priority Alignment – what are the high value goals to be achieved
2. Perform a foundation review – what is the baseline, where are the gaps?
3. Look for quick wins – what makes sense to get some momentum and early benefits?
4. Create a kick-starter plan, to-do roadmap and achievable project deliverables

It is from these key starting blocks that we can work on a long term strategy that ensures relevant and meaningful outcomes.

Contact details:

Web: www.tplconnect.com.au

Email: support@tplconnect.com.au

Phone: 1300 88 58 54