SYNTRiC
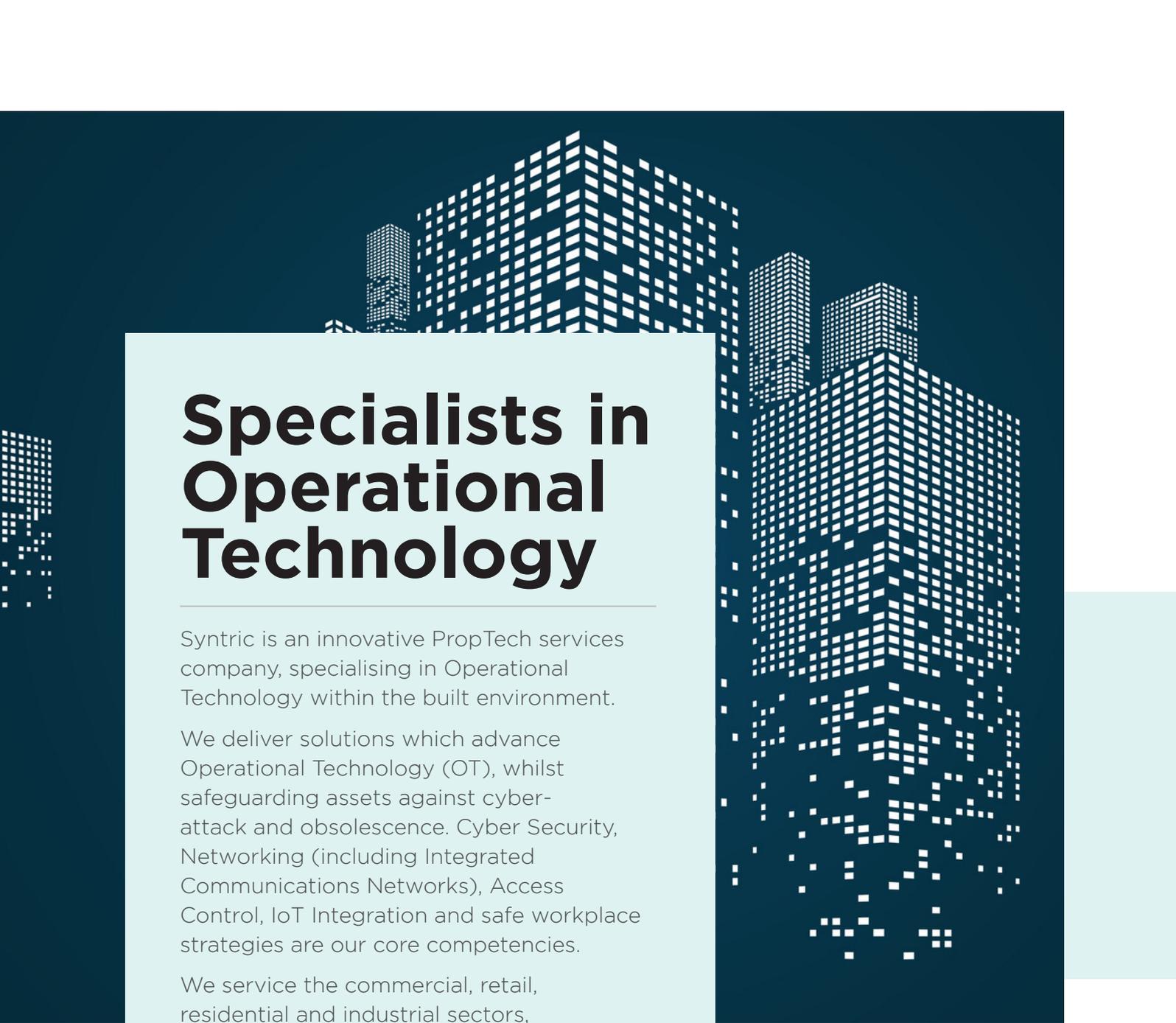
Advancing Operational Technology

Innovation and Integration Solutions for Your Facility

Specialists in Operational Technology

Syntric is an innovative PropTech services company, specialising in Operational Technology within the built environment.

We deliver solutions which advance Operational Technology (OT), whilst safeguarding assets against cyber-attack and obsolescence. Cyber Security, Networking (including Integrated Communications Networks), Access Control, IoT Integration and safe workplace strategies are our core competencies.

We service the commercial, retail, residential and industrial sectors, offering leading solutions designed to assist our customers in achieving their strategic asset management goals.

Making your OT Assets Invisible – Syntric Cyber Solutions

A common misperception is that cyber-attacks only occur through IT systems. Not true.

Ransomware attacks are increasingly targeting Operational Technology (OT). HVAC, BMS, CCTV, Fire systems, IoT and other services critical to running your buildings could provide a pathway for the would-be attacker. We can help you with Auditing & Compliance of your OT assets and protecting them through our Managed Services.

Auditing and Compliance

We offer the following Auditing and Compliance services:

Flying Audits

- Single day audit
- Discovers the assets on your network
- Provides a high-level topology

In-depth Audits

- Aligns to industry standard frameworks (ACSC/NIST)
- Asset discovery
- Determines cyber risk allowing vulnerability management

Compliance

- Building your cyber security policies
- Assisting in enforcement
- Vendor selection and compliance monitoring

Managed Service

Any building systems connected to the cloud are vulnerable to cyber-attacks. Our OT experts will provide the benefit of a smarter building without the cyber security risk. Our solutions are scalable to meet growing site or portfolio requirements with a Managed Service delivered through the Tempered Airwall™ solution (or other best in class technologies) and backed by a cyber insurance policy.

- ✓ Strict network control
- ✓ Reduction of ingress/ egress points
- ✓ Ownership of security configuration or policy
- ✓ Cost efficiencies

Cyber Cloaking – Make your OT Assets Invisible!

With the Tempered Airwall solution, your OT assets will become invisible to the bad guys. Your OT equipment can't be attacked if it can't be found. Why Airwall?

- Hyper scalable
- Rapidly deployed in less than a day
- Flexible configuration & purpose built for OT/ICS environments
- Industry leading zero-trust design

Outcomes:

- Instant cyber security improvements
- Portfolio wide management
- Security policy enforcement

OT Networking

A common challenge for many businesses is poor OT networking infrastructure. Often unmanaged, undocumented and difficult to fix, our team will conduct an audit pinpointing issues and identifying areas of improvement. We work with our customers to build network management strategies to ensure this critical component of their OT environments continue to support the technologies relying upon them.

We'll also undertake the management of your OT networks, allowing unimpeded growth over time, whilst remaining secure and within budget.

No more disparate networks - Integrated Communications Networks (ICN)

An ICN is a single, managed network supporting multiple operational technologies and are emerging as the preferred platform for integration of OT systems such as HVAC, Security Video, Access Control, Lighting Control and Energy Monitoring. Our OT networking experts can design, build and manage these networks, ensuring your building's backbone can continue to support your OT for years to come.

IoT Integration

Our team of specialists will assist with integrating IoT into your OT systems, allowing data flow from application to application. IoT is often installed as a standalone product, where we focus on integrating these products as an overall solution. This allows the insights collected by this equipment to be actioned beyond just their own by influencing other related systems. Ultimately, this reduces manual remediation efforts and improves operational efficiencies.

By simplifying infrastructure, we remove complexity and enhance scalability for future expansion.

Safe Workplace Strategies

COVID-Safe Building Technologies

The COVID-19 pandemic has changed the way we work and live. Contactless access control, air purification technology and other innovations, will limit the airborne and physical transmission of the virus and restore confidence in returning to the workplace. Syntric has partnered with leading brands to make your building

Touchless Access

Openpath's touchless access control makes getting into your building easier and safer than ever. Unlock doors, pass through turnstiles, open parking garage gates, and call elevators – all from your mobile phone!

Safe touchless entry with a wave of your hand provides a COVID safe entry into your building. Openpath's 100% touchless access control replaces outdated badges and fobs with smartphones that can remain in your pocket or bag.

Issue instant digital guest passes and use remote unlock to give maintenance or delivery staff access whenever they need it.

Fully Managed Service

Our Team will design, install, integrate, commission, and provide the best solution for your space and for your building occupants.

- ✓ No Upfront Cost Option
- ✓ Basic or Premium Solutions

Modern Hardware
Easy to install.

Connects all entry points seamlessly.

Cloud Based Software
Actions instantly communicated. System-wide via cloud.

Encrypted Credentials
All access methods (fobs, phones, cards) secure with end-to-end encryption.

Open API
Allowing connection to other applications and scalability.

Patented Triple-Unlock Technology
Races Wi-Fi, Bluetooth, Cellular Data faster, more reliable unlocking.

Grant Temporary Visitor Access
No App needed by guest – just click link. Link sent by control panel on browser phone, email, text.

Supports All Types of Entries
Elevators, car parks, automatic doors, wireless locks, turnstiles and more.

Flexible Deployment
Backwards compatible with legacy system easing transition from old to new.

openpath

Clean Indoor Air Technologies

Most people will likely spend 90% of their time indoors. Given this, indoor air pollution is a serious health concern.

When indoor air quality is substandard, an array of acute and chronic symptoms can arise. Many buildings can be harmful to your health without you ever knowing.

When you're at work, you want to know the air you breathe is contaminant-free. Managing air pollution and the resulting WHS risks in commercial buildings is required under WHS laws. By knowing where pollution hazards originate, you can better identify the level of risk.

Technology

Outside, the energy from flowing water, waves and sunlight creates naturally occurring, air-cleaning ions, but the concentration of these ions is much lower indoors.

Using Ionisation technology, ions in the air are introduced via your ventilation system without introducing ozone or other harmful byproducts. These ions disperse through your building, combining with already circulating particles.

The resulting large clusters are easier for your filtration system to capture. When ions contact pathogens, they disrupt surface proteins, rendering them inactive. Ionisation also attacks VOCs and odours.

Ionisation

Inactivating SARS-COV-2 (COVID 19)

Since the global pandemic began, clean air in the built environment has been a topic of conversation. And now more than ever it's important to make sure we can all get back to work, safely.

Syntric works with leading providers in clean air technology, helping you reduce pathogen particles and odours in the air. Our range of technologies can be installed into all types of HVAC equipment including Wall Mounted Split Systems, Ducted Systems, Packaged Air Conditioners, Fan Coil Units, Air Handling Units and Built Up Central Plant.

Talk to our specialist team to help you find a solution that will work for your building.

IAQMS – Indoor Air Quality Monitoring Service Systems

IAQMS utilises an Internet of Things (IOT) platform to actively track conditions to improve the quality of air in the built environment. We will apply the latest technology to track air quality parameters in real-time including temperature, humidity, CO2, VOC and particulate matter.

Advisory Services

SyntricConsult™ is the specialist advisory arm of Syntric, and provides our clients with independent compliance, risk, condition, and financial planning auditing services. Our unique service enhances your business by ensuring our advice is constructive, efficient, of the highest quality and responds to all your organisational needs. Our service offering includes: Built Environment Audits, Technical Due Diligence and Defect Liability.

Built Environment Asset Audits

SyntricConsult offers Asset Audit, Life Cycle, Risk and Condition Assessment Reports for building and asset components, specific to your portfolio requirements. These detail opportunities to optimise the management and performance of your assets.

Technical Due Diligence

SyntricConsult provides the investor with piece of mind, by providing comprehensive assessment of condition, suitability for intended use, future capital expenditure, asset reinstatement and deferred maintenance, with the outcome providing security for the investor, to make informed decisions and assist in the negotiation sale process.

Defect Liability

We provide 'Defect Liability' reporting services on new commercial properties across all market sectors in the built environment. This is performed by undertaking an independent audit prior to the expiry of the defects liability period.

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Contact us

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