

# Remote Monitor Maintenance

Control System & HVAC Diagnostic Software Integration

# Our Services & Goals

DB Control & HVAC Services are a Control Systems Integrator that specialize in combining highly secure IoT remote access platforms, automated control systems and HVAC diagnostic software designed to meet the following needs.

- Provide a highly secure remote access platform that does not present a security risk to our clients.
- Integration of open & closed protocol D.D.C, Service/Maintenance & Commissioning Software to provide refrigeration, electrical and commissioning technicians a much more powerful and efficient method of managing buildings moving forward.
- Make operating, control & system setting data critical to fault-finding and diagnosis instantly available so building control issues and faults can be easily identified with the correct countermeasures put in place before going to site.
- To make the controls accessible to trades and technicians of different levels without needing high level networking and IT experience.



 **DB Controls**  
& HVAC Services

# Our Differences

- **Business Model:** Our services are designed to provide ongoing support to service and maintenance contractors. All communication is directed through the maintenance contractor and DB Control & HVAC services do not undertake onsite service or maintenance work unless directed by the contractor.
- **Cyber Security Focus:** The method of remote connection has a very high level of information security with encryption and decryption process done at end points via locks and keys which identify each other by cryptographic pairing . All information transmitted over the internet is highly encrypted data so there is no risk to our clients.
- **Data:** We do not constantly record and store data in our servers. Sites configured to trend data store the information in the onsite control devices which can be downloaded when required. Trend & live operation data is only recorded when requested by the contractor.
- **Custom Design:** Our remote monitor control systems are custom designed based on the equipment installed and site application. The remote access control systems can be designed to allow remote service and maintenance to be carried out only when required or continuously monitor onsite systems depending on the client's requirements.



 **DB Controls  
& HVAC Services**

# Security

- **Industrial Routers & VPN:** All remote connections are made using Tosibox Lock industrial routers and crypto processing USB which are cryptographic paired during installation. Tosibox is infinitely scalable and performs at the highest security levels in the industry. It is not a cloud service, but a direct VPN tunnel between physical devices.
- **High Risk Clients:** High risk clients are provided with the sole access to the encryption key to allow full visibility and control over all remote access. New laptops are purchased at the time of installation and exclusively used to connect to the specific devices controlled through the key.
- **Cyber Security Policy:** DB Control & HVAC Services operate within a risk management framework to constantly review and update the security architecture of our control systems and conform to best practice cyber security guidelines. We use Multi-factor authentication, daily backups, ensure operating systems and security software use the latest update, restrict administrative privileges and ensure all internet access is done behind highly secure VPN's.



 **DB Controls  
& HVAC Services**

# Our Partners & Products

- We are proud Conserve It VYKON product partners who are a leading IoT specialist in industrial controls harnessing the power Tridium Niagara 4 platform. We only use the highest quality products from the worlds leading manufacturers.

**TRIDIUM** systems integrator

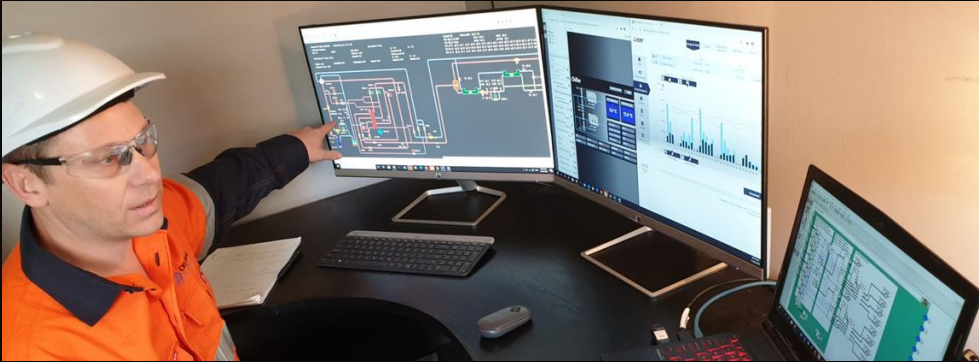


**TOSIBOX**<sup>®</sup>



**DB Controls & HVAC Services**

# Thank You!



- For a demonstration of our remote monitor controls please use the following YouTube link [https://youtu.be/eKiQj\\_ZC7Uw](https://youtu.be/eKiQj_ZC7Uw)
- For further details and to discuss options please email David Byrne at [david@dbcontrolservices.com.au](mailto:david@dbcontrolservices.com.au)
- For further information on our company please visit our website at [www.dbcontrolservices.com.au](http://www.dbcontrolservices.com.au)

 **DB Controls  
& HVAC Services**