

Intrusion and Access Control Solutions





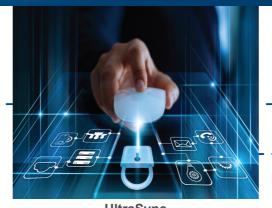






**Monitoring Centre** 

For more information, visit <a href="https://aritech.com.au/ultrasync/">https://aritech.com.au/ultrasync/</a>



**UltraSync** 

Cloud-based Management and Event Routing

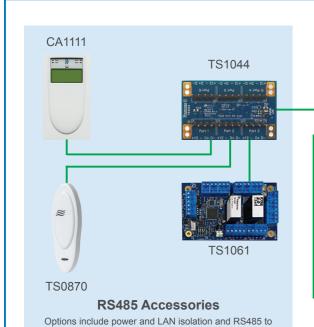


#### WMS Pro / CT Plus

Management and Programming software

# **Referenced Products**

| Part No.    | Description                                     |
|-------------|---|
| TS-CHPLUS/B | ChallengerPlus panel in enclosure or board only |
| CA1111      | LCD Keypad (RAS)                                |
| TS0870      | Tecom Smart Reader                              |
| TS1001      | Touchscreen Keypad (RAS)                        |
| TS1020      | 8 Input DGP                                     |
| TS1021      | 8 Input Expander                                |
| TS1041      | 8 Relay Expander                                |
| TS1044      | Power/RS485 Distribution Board                  |
| TS1054      | 4G Module                                       |
| TS1061      | Dual Wiegand Interface                          |
| TS1067EB    | NAC with Wiegand                                |
| TS1084      | User Expansion Module                           |
| TS0098      | IP to LAN (RS485) Adapter                       |



multi-mode fiber support.

## ChallengerPlus **RS485 (LAN)**

RS485 BUS 2

Cloud delivery

(CID Alarm Transmissions)

Two physical, segregated RS485 termination ports are provided for convenience and expansion. Devices can be connected in star or multi-drop configuration.

Refer to the ChallengerPlus Programming Manual for more information



RS485 BUS 1

TS-CHPLUS/B

TS1084

#### **Plug-on Expanders**

CTPlus

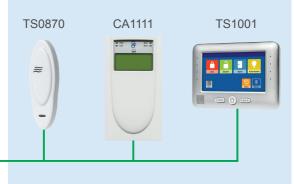
4G Network

TS1054

To communicate via 4G to UltraSync, or to expand the user count of the ChallengerPlus system, plug on expanders are available.

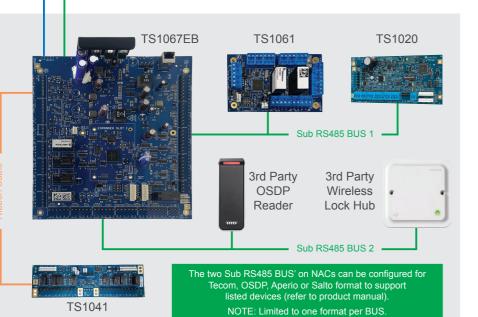
NOTE: This guide shows a simplified view of a ChallengerPlus system. More connections, parts and solutions are available to suit various installations.

Reach out to a Tecom Distributor or Aritech representative to discuss the best solutions for your installation.



#### **Keypads and Readers**

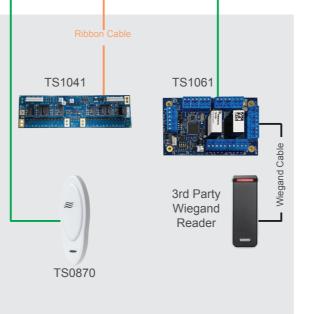
Several options are available, and can be connected directly via RS485 to the ChallengerPlus panel for intrusion and standard door functions, or to a NAC for door based functions.



#### **Intelligent Doors & Lifts**

The Network Access Controller (NAC) series enables intelligent features such as offline redundancy, anti-pass back, interlocking, region control, OSDP support & wireless locking integration. Two Sub RS485 BUS' can also be used to support intrusion devices or other selected peripherals.

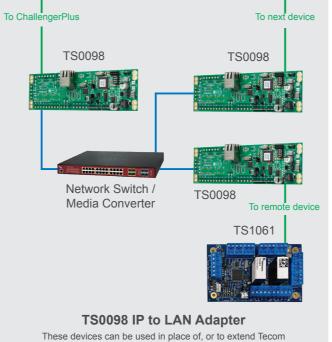
For more information, please refer to the Tecom Access Controller Selection Guide.



#### **Standard Doors & Lifts**

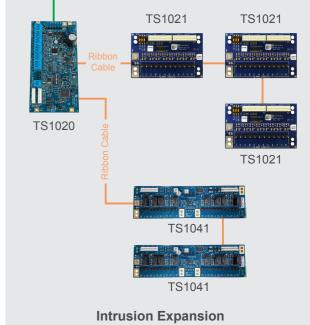
Made from combinations of readers, inputs and relays attached to the ChallengerPlus RS485 (door controller not required).

For more information, please refer to the Tecom Access Controller Selection Guide



RS485 over Ethernet, use media converters for Fiber extensions. TS0098 can be one to one, or one to many.

All Tecom devices are supported.



The intrusion system (motion detectors, reed switches, glass break sensors etc.) is expanded using Data Gathering Panels (DGPs). Attached to these devices are expanders, connected by convenient ribbon cables.



### **About Aritech**

Aritech provides leading security and life-safety solutions for both commercial and residential applications covering intrusion, video, transmission and access. Offering some of the most-trusted product names in the industry, and backed by ongoing partner services and support, Aritech helps customers secure and protect what matters most.

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