Harsh Environment Solutions

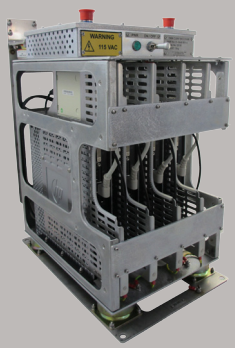
Computing Solutions for Tough Conditions

Capabilities and Services

APC Technology

Certified System
Quality
ISO 9001
SAI GLOBAL

APC Technology- Capabilities & Services



APC Technology is an innovative leader in the design, manufacture, supply and support of rugged hardware solutions for global defence and industrial customers.

For over 30 years **APC Technology** has provided ruggedised solutions for applications performing in the most severe environments.

Every product **APC Technology** delivers is engineered and built to survive a range of factors unique to the client. This can include shock, vibration, temperature, dust, dirt or water.

Our comprehensive range of solutions include touchscreen displays & panel PCs, generators, rugged laptops/PDAs/ mobile solutions, quality of life systems, compact PCI, VPX mission critical products, keyboards and pointing devices.

Solutions are supplied to a diverse range of operational environments including Rail, Oil & Gas, Mining, Defence, Aerospace, Pharmaceuticals, Utilities and other Industrial Manufacture & Process Control applications.

APC Technology's solutions are versatile and offer full expansion capabilities, providing clients with customisable platforms tailored to their requirements.

APC Technology supports its solutions and clients throughout the product life cycle.

Solutions for Harsh & Hazardous Locations

Panel PCs & Displays

HMI Solutions

IM2-IS

PCIM2

Trackballs

Zoned Solutions

FT42155-HL

IECEx nA nC IIC T4 Gc
IECEx tc IIIC T130°C Dc
IP66
IEC 60079-00
IEC 60079-31
IEC 60079-15
Ambient: -20°C to +60°C

- A Zone 2/22 panel PC
- Rugged glass resistive touchscreen
- Stainless steel construction
- 15 or 19 inch display

ET4255HL

IECEx d IIB T5 IP66/67
IECEx SIM 10.0007x
IEC 60079-0
IEC 60079-1
Ambient: -20°C to +60°C

- Touchscreen technology
- Bare finger or gloved operation
- Designed to withstand abrasions, chemicals, shock and vibration
- Operational in a wide variety of temperatures

Z710-Ex

ATEX Zone 2/22
ATEX II 3G Ex ic IIC T5 Gc
ATEX II 3D Ex IIIB T100°C Dc
MIL-STD-810G, IP65
Ambient: -20°C to +50°C

- 7" LumiBond display
- Sunlight readable technology
- Finger, gloved or stylus operation

Zone 1 Windows Tablet

UL913 Class I, II, III Div 2
IECEx 60079
IP65

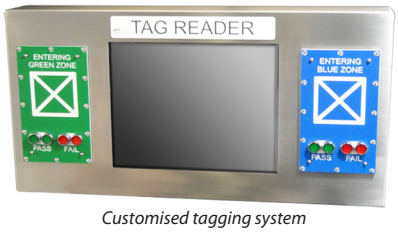
- IECEx zone 1 10.1" tablet
- 12 hour operation
- Finger, gloved or stylus operation

KBIM2-IS

Ex ia I/IIC T4 IP65
IECEx SIM 05.0004x
IEC 60079-0
IEC 60079-11
Ambient: -20°C to +40°C

- A full QWERTY stainless steel PC keyboard with integral mouse
- Customisable options

Customised Solutions



Customised tagging system

ET4255HL in use on an oil platform, Asia

Customised Desktop 15" Displays on site

ATEX IECEx

Customisation Options

- I/Os
- Rackmount solutions
- Connectivity
- Operating systems
- Fieldbus solutions
- Mounting arrangements
- Camera systems/data entry solutions
- Power configuration
- Custom dimension and footprint
- In-house testing capabilities
- 3D printing & prototyping

Talk to **APC Technology** about a Custom Solution

100% Australian Owned & Operated

APC Technology

Partner of Choice

- 30+ years delivery experience
- Australian owned and operated
- Manufacturing in South Australia
- Dedicated research & development company
- One location for innovation, custom design and engineering solutions
- Global supplier & partner network
- Industry leading low employee turnover rates
- Continual focus on client needs and cost-effective supply
- ISO 9001 certified
- SCIP participant

Capabilities

- Testing and certification to IECEx standards
- Range of solutions designed for use within Zone 0, Zone 1 & Zone 2 environments
- Engineered to survive shock, vibration, extreme temperatures & environments
- In-house design, manufacture and testing facilities
- 3D printing & prototyping
- Specialist designer of custom MOTS & COTS solutions
- Through life support
- Obsolescence replacement

Rugged Mobile Solutions

Tablets

- Date capture capabilities
- Latest connectivity technology
- ATEX & IECEx certification options
- touchscreen operation options
- Variety of screen size
- Webcam and high resolution camera options

In-Vehicle Telematic Computers & Servers

- Certfied to vehicle industrial ISO, IEC & EMS standards
- Latest processor technology
- Video capture
- Serial/USB options
- GPS/gyroscope/wifi options
- Fanless technology

Hand Held Devices

- Variety of screen size
- Latest screen technology including enhanced back lighting
- Latest connectivity options
- Long life battery
- Light weight
- Drop resistant

Laptop & Mobile Servers

- Convertible laptop/tablet options
- Varying screen sizes available
- Fully sealed ports and connectors
- Vibration & shock resistant
- MIL-STD certified
- Long life battery options
- Customised mounting available

Partners & Associations

Achilles Oil & Gas FPS Asia Pacific MEMBER

Aitech

Green Hills SOFTWARE

iKey

Cursor Controls

SUNIT

Getac

NEXCOM

ST Aerospace
A company of ST Engineering

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