



# isis-Ex™

## SPECIALIST HAZARDOUS AREA COMPUTING



### TRUSTED, TESTED & RESPECTED

# > WHY iSiS-Ex?

Because we build better solutions.



We wouldn't say it if we didn't believe it.

More importantly, we wouldn't say it if we couldn't back it up.

We have more than 20 years' experience as oil and gas industry HMI specialists. Our products are field tested and proven to perform in the harshest conditions. We're the brand of choice for market leading oil companies the world over.

Our engineers are constantly innovating. Our Zone 2 HMI is best-in-class, designed and built to give you what you need. As is our feature-rich Wireless Access Point.

Our Zone 1 products have ATEX certification and our Zone 2 products are certified as ATEX, IECEx and CSA Class 1 Zone 2 AEx compliant.

We control quality by managing the entire design and build process – beginning to end. Everything is assembled by us and every product that leaves the building has been subjected to the most rigorous quality assurance process imaginable. We should know – we designed that too.

# > ZONE 2 > iSiS 1202

## Meet the iSiS1202, Class 1 Div 2. Designed by iSiS-Ex, specified by you.

We traveled the world meeting our customers and listening to what they had to say.

We listened in America and Canada. We listened in Norway and France. We listened in the Gulf of Mexico, Germany and Australia.

And we realized that nobody else had listened before, because no-one had made a Zone 2 that the industry actually wanted.

So we came home and built it.

ATEX, IECEx, CSA and AEx approved, the Zone 2 is available with a choice of processor types, a 15" or 19" sunlight viewable touchscreen, and with a choice of communications methods and mounting options. It's a best in class performer.

It should be – it's the HMI you asked for.



Zone 2 iSiS1202  
- 15" display



Zone 2 iSiS1202 rear



Zone 2 iSiS1202  
- 19" display

### Zone 2 Accessories



Keyboard

- Intrinsically Safe, Zone 1 and Zone 2
- Available with touch pad or joystick mouse control
- The keyboard can be directly mounted and hinged on the HMI, or used separately on a desk
- Choice of languages



Wireless Access Point

- Lightweight ATEX access point
- Intrinsically Safe output allows use of any suitably certified antenna in the Zone 1 or Zone 2 hazardous area
- Can be used as access point, bridge or repeater
- Fully configurable to meet statutory WiFi requirements worldwide
- Quick and easy set-up
- Inexpensive way to extend your WiFi network into a hazardous area



Extended temperature  
Field maintainable  
Choice of mounting options  
Glove-friendly touch screen  
Multiple approvals



## Zone 2 PC Workstation

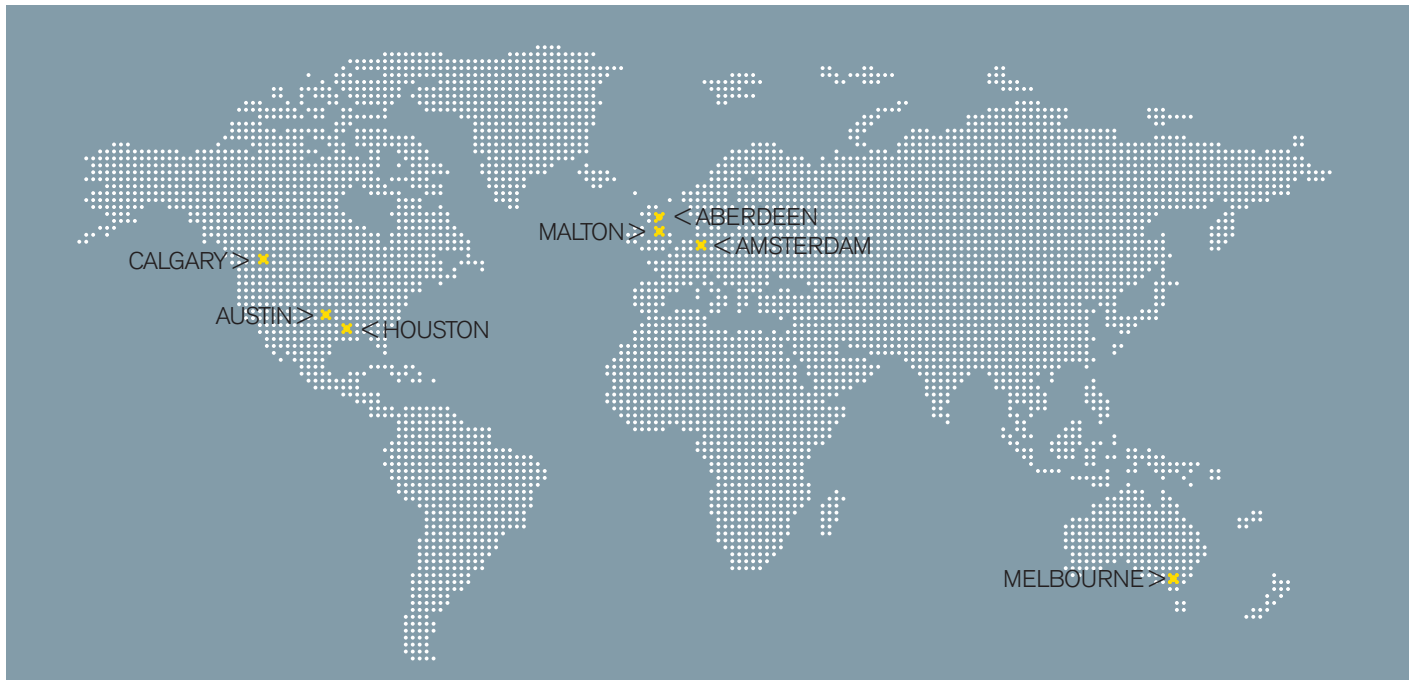
- Sunlight viewable, glove-friendly touchscreen
- Ethernet, fiber optics or WiFi communications
- -40°C to 60°C operating temperature
- Lightweight
- VESA, yoke and panel mounted
- Horn/beacon driver
- Internal temperature and humidity sensors, available for remote telemetry
- IP66/NEMA 4 and NEMA 4X
- Designed for field maintainability

Product Type	PC	Workstation
Model Number		iSiS1202
Type of Protection		ATEX/IECEx Ex nA [ic] IIC T4 Gc (Gc) Ex tc IIC T135°C Dc CSA Class 1 Div 2, AEx Class 1 Zone 2
Display Size		15" or 19"
Display Type		Sunlight viewable Glove-friendly capacitive LCD Touchscreen
Display Resolution	15"	XGA 1024 x 768
	19"	SXGA 1280 x 1024
Processor Options		Intel® Core™ 2 Duo 2.16GHz Intel® Celeron™ M 1.86GHz
Operating System		Windows XP Pro Windows 7 QNX compatible
HDD/SDD Options		80Gb HDD or 128Gb/64Gb SSD
Compact Flash		Compact Flash (externally accessible)
RAM		1Gb/2Gb
Communications Options		2 copper ethernet ports, fiber optic ethernet, WiFi (802.11a/b/g/h)
Keyboard/Mouse		Intrinsically Safe PS/2 interface
USB		Up to 4 x USB 2.0 ports
Serial Communications		2 x RS232 or 1 x RS232 + 1 x RS485
Ingress Protection		IP66
Operating Temperature		-40°C to +60°C
Storage Temperature		-40°C to +85°C
Weight	15"	12.6Kg/27.8lbs
	19"	22Kg/48.5lbs
Max Dimensions		450mm x 395mm x 202mm (Including heat sink)
Mounting Options		VESA, yoke, panel
Shock & Vibration (with SSD)		Shock: In accordance with BSEN60068-2-27:2009 Vibration: In accordance with BSEN60068-2-6:2008

# Our Global Sales Network



FOR FULL DETAILS OF OUR SUPPORT CENTERS AND THEIR CONTACT DETAILS  
VISIT OUR WEBSITE [www.isis-ex.com/global-sales-partners](http://www.isis-ex.com/global-sales-partners)



AUSTIN >  
North American Service Center

ABERDEEN >  
Sales Partner  
[www.wellheads.co.uk](http://www.wellheads.co.uk)

MELBOURNE >  
Sales Partner  
[www.hazware.com.au](http://www.hazware.com.au)

HOUSTON >  
iSiS-Ex Inc Sales Office  
[www.isis-ex.com](http://www.isis-ex.com)

CALGARY >  
Sales Partner  
[www.hazlocsolutions.com](http://www.hazlocsolutions.com)

MALTON >  
Global Headquarters,  
Service Center & Sales Office  
[www.isis-ex.com](http://www.isis-ex.com)

AMSTERDAM >  
Sales Partner  
[www.dexter.eu](http://www.dexter.eu)