X·CONTROLS

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X-Controls AS
Wessels veg 3
7500 Stjørdal
NORWAY

www.isis-ex.com

iSiS-Ex™

SPECIALIST HAZARDOUS AREA COMPUTING

TRUSTED, TESTED & RESPECTED

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> ZONE 1 > PC WORKSTATIONS

Choose your line, choose your flavor.
Our ATEX-certified Zone 1 series is as versatile as you need it to be.

700, 800 & 900 Ex d for Zones 1 and 2
450 for Zones 1 and 2

- Glove-friendly optional touch screen (800 & 900)
- Simple to install and will run with most PC operating systems (Window CE on 450)
- Configurable with fiber optic, Cat 5 and/or wireless communications
- High bright (800 and 900) and transflective screen options

- Available with a range of mount and stand configurations
- Ease of field maintenance (with appropriate training)
- Custom solutions available
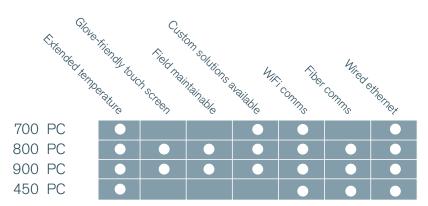- Extended temperature options

iSiS800 (no keypad)

iSiS450

Interior view and typical bulkhead arrangement

	Extended temperature	Glove-friendly touch screen	Field maintainable	Custom solutions available	WiFi comms	Fiber comms	Wired ethernet
700 PC	●			●	●		●
800 PC	●	●	●	●	●	●	●
900 PC	●	●	●	●	●	●	●
450 PC	●				●	●	●

Zone 1 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

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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

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Custom design
Field maintainable
Extended temperature
Glove-friendly touch screen

Product Type	PC Workstation
Model Number	450
Type of Protection	II 2 G EEx mdeib(ib) IIB+H$_2$ T4
Display Size	10.4"
Display Type	Transreflective TFT LCD
Display Resolution	640 x 480
Processor Options	300MHz low power
HDD/Flash	64Mb System Flash
RAM	128mb
Communications Options	WiFi/ethernet/fiber optic
Keyboard/Mouse/Other	Functional keyboard (F1– F8) 0-9 numeric pad
Operating Temperature	-40ºC to +50ºC
Storage Temperature	-25ºC to +55ºC
Ingress Protection	IP66
Weight	12.5kg / 28lbs
Dimensions	360 x 260 x 153 mm

Product Type		PC Workstation
Model Number		700 800 900
Type of Protection		II 2 G Ex d ib [ib] IIB T6 Gb or II 2 G Ex d ib [ib] IIB T4 Gb depending on enclosure front
Display Size	700 800 900	12.1" 15" 19"
Display Type	700 800 900	CCFL backlit LED backlit LED backlit
Display Resolution	700 800 900	XGA 800 x 600 XGA 1024 x 768 SXGA 1280 x 1024
Processor Options	700 800 900	AMD Geode 500MHz 1.8Ghz Pentium M 1.8Ghz Pentium M
HDD/SSD		80Gb/64Gb
RAM	700 800 900	typically 128Mb typically 2Gb typically 2Gb
Communications Options		WiFi/ethernet/fiber optic
Keyboard/Mouse/Other		Membrane mouse and k'pad and ext. EEx i interface
Operating Temperature	700 800 900	-20 to +50 -20 to +50 -20 to +50
Storage Temperature		-25ºC to +55ºC
Ingress Protection		IP66
Weight	700 800 900	23kg/50lbs 33kg/72lbs 40kg/88lbs
Dimensions	700 800 900	369 x 283 x 160 mm 465 x 337 x 160 mm 521 x 390 x 165 mm

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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

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MALTON > < ABERDEEN
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> 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.