



Safe Automation
Pilz Australia Industrial Automation
C1/756 Blackburn Road, Clayton, VIC 3168
Telephone: +61 3 9544 6300 Fax: +61 3 9544 6311

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Re: Network partnership announced between Pilz and CT Oceania

Pilz Safe automation Australia, a leader in safe automation technology and services, would like to announce the appointment of CT Oceania as the newest member of its Network Solution Partner Program.

This new partnership further strengthens CT Oceania's position as a leading supplier of innovative safety solutions integrating Pilz hardware along with the CTI2500™ series platform, providing greater security for plant, equipment and personnel. Customers will be able to access CT Oceania's range of products and services which extend to professional consultancy and engineering expertise with the added on-going support of the Pilz global network.

We are pleased to have CT Oceania on board and look forward to building automated control solutions that meet a growing market, whilst maintaining "the spirit of safety" philosophy. For further information, please contact Pilz Australia on (03) 9544 6300 or CT Oceania on (07) 3348 8422.

Frank Schrever
Managing Director
Pilz Safe Automation

the spirit of safety



Pilz Safe Automation (VIC)
PO Box 739
Mt. Waverley VIC 3149
Tel: 03 9544 6300

Pilz Safe Automation (NSW)
19/3 Kelso Crescent
Moorebank NSW 2170
Tel: 02 9601 4249

Pilz Safe Automation (QLD)
PO Box 4535
Springfield QLD 4300
Tel: 0425 818 898

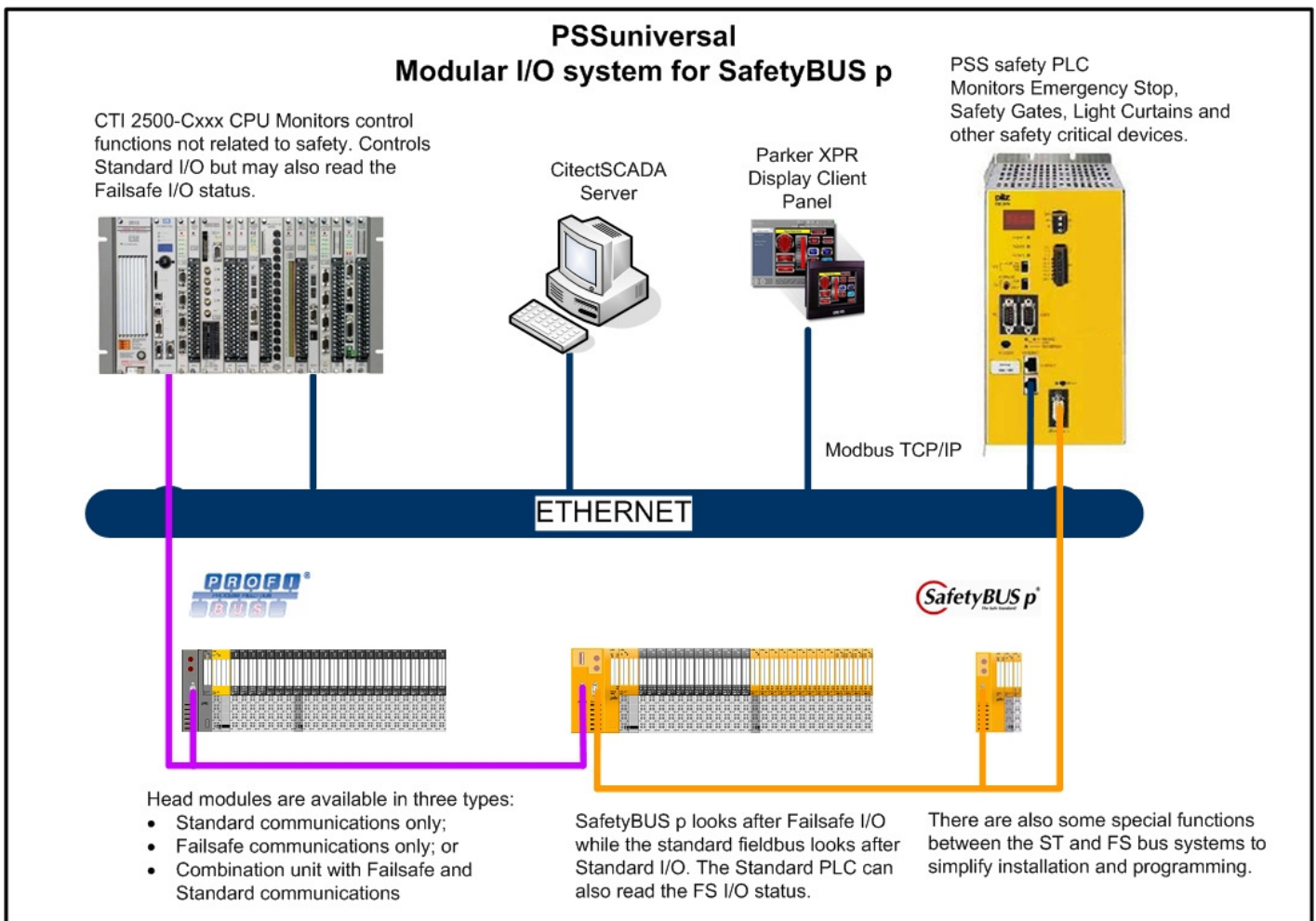
Pilz Safe Automation (New Zealand)
PO Box 59-202
Mangere Bridge Auckland
Tel: (64) 09 634 5350



CT Oceania Safety Solution

The CTI 2500™ Series PLC hardware seamlessly integrates to the Pilz PSSUniversal safety hardware via Profibus DP, and Modbus TCP/IP. The PSS® safety PLC monitors and controls the critical plant and machine devices via SafetyBUS p® using the PSSUniversal safety I/O. The PSS® has the ability to communicate to Universal standard or safety I/O via the same module head. All the necessary data from the PSS communicates back to the CTI 2500 PLC via Modbus TCP/IP allowing SCADA (i.e. CitectSCADA) and HMIs (i.e. Parker XPR Touch screens) to view and monitor all critical and non critical I/O from the plant floor.

The PSS Universal Assistant software provides users the ability to develop a PSS solution by selecting the appropriate modules, allowing to test the systems limitations, provide a bill of materials, and module layout for project documentation. This is an efficient way of developing your safety system, reducing configuration, system testing and commissioning time. The Pilz Safety and CTI 2500 PLC solution offers flexibility and expandability to cater for all plant operation safety monitoring and control.

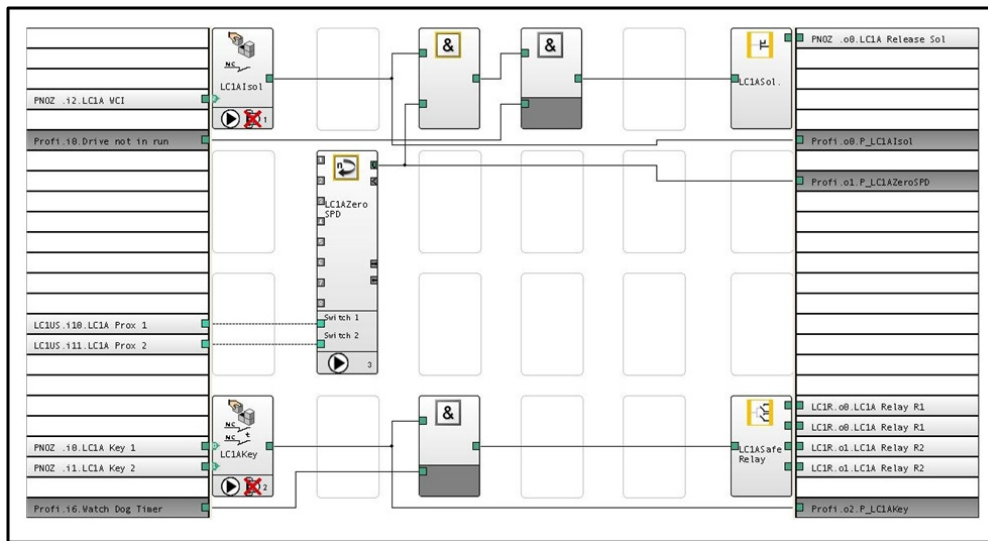




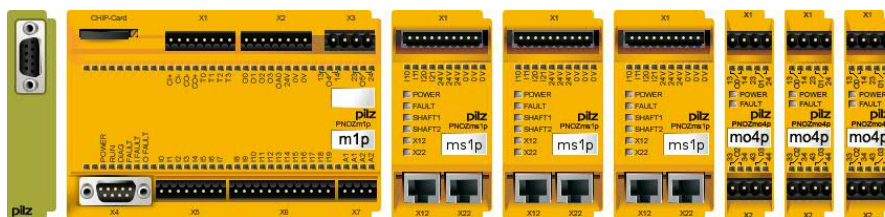
Pilz PNOZ Multi Safety Project

CT Oceania's integrating partner recently completed a project using the Pilz PNOZmulti modular safety solution. Using the PNOZmulti Configurator provides the user flexibility to develop the safety circuit, taking advantage of the numerous safety functions, specific press blocks, and configuration of fieldbus inputs using this flexible interactive programming package.

The project application required a safety solution for controlling high speed saws, and achieve a Category 3 safety rating. A PNOZ safety speed module (complies with EN 954-1 Cat 3 rating) was used to detect when the lint cleaner saws were stationary (i.e true zero speed), allowing the operators to safely un-lock the machine gates enabling access to the product on the line. The project required six speed monitors to safely guard each section of the line assembly preventing access while operational. The PNOZmulti unit communicated via Profibus DP to the main CTI 2500 CPU's controlling the plant. The machine's safety was designed for SIL 2 Category 3 to satisfy the plants hazardous areas and work cover requirements. The engineering, I/O wiring, configuration & commissioning time was reduced because the PNOZmulti configurator provided the ability to develop the required safety circuit based according to the machine functions avoiding any risk of having an incorrect safety process wired and installed, plus meeting the required SIL and category rating. Below are examples of the PNOZmulti safety circuit and product module displays produced by the PNOZmulti Configurator saving valuable engineering, and plant commissioning time.



Example: PNOZmulti Configurator Program Sample and Module Layout



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