

Integrated

systems design ltd



Integrated Systems Design Limited are specialists in sawmill process automation, offering total network solutions to meet the immediate and future needs of your business.



Based in Rotorua, New Zealand we have been involved in the timber processing industry for over 38 years, operating extensively throughout the South Pacific regions.

Our skilled and dedicated team will design, manufacture, install and commission a total automation package, with a commitment to offering all our customers the best of service and quality in workmanship in all that we endeavor to do.

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WOODTECH

Innovative Technology

Integrated specialise in all aspects of Sawmill Automation, offering a total network solution that enhances production. Woodtech control packages have been developed by Integrated over the last 40 years of being involved in the timber industry and have proven to be at the top of the line in all aspects of timber production.



Woodtech features the latest technologies in process automation,

- Designed to be flexible for System changes (on site or via modem)
- Custom Design for machinery or one off operations
- Custom Designed for the operator or site
- Retrofit onto existing systems
- Complete System upgrades
- Pre-designed packages



The Woodtech V.10 Total kiln control system is a multi-stepped and scheduled system designed to control any type of kiln. This system is developed to give full control and flexibility to the operator/s. Woodtech V.10 has been tested and developed alongside experienced operators and technicians to ensure functionality of the software is at the highest standard.



Woodtech control systems are designed primarily for the timber industry and include systems for:

- Log debarking and cutting
- Primary log breakdown and re-saw networks
- Boiler and boiler in-feed
- Kiln drying
- Dust collection and handling
- Grading and product management
- Re-manufacturing and moulding



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Process Automation



Integrated Systems Design Limited are specialists in sawmill automation and offer a total solution that enhances production.

- Complete new system upgrades
- Retrofit upgrade into existing systems
- Pre-designed packages
- Designed to be flexible for systems alterations and upgrades (on site or via modem)
- Custom designs
 - for site or one off operations
 - machinery
 - operator consoles

Electrical Engineering



Integrated Systems Design Limited have been involved in the industrial and commercial electrical field for over 38 years.

- Hydro electric dam service contracts
- Timber mill maintenance and service contracts
- Project installation
 - Log spray systems
 - Timber kiln wiring and control
 - Boiler fuel handling
 - Carriage setworks
 - Quarry rock cutters
 - Spring roll forming machines
 - Heavy trailer manufacturing workshops
 - Fuel pellet manufacture

Integrated Systems Design Limited is committed to high levels of quality control and performance. Site standards are always kept or improved over the length of our projects and installations.

Switchgear Manufacturing



Integrated Systems Design Limited specialise in the design and building of:

- Control Consoles
- PLC Panels
- Motor Control Centers
- Mains Distribution Boards

Integrated Systems Design Limited also has extensive knowledge in the modification and upgrading of switching panels.

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Energy Management



Energy management requires a detailed understanding of existing load and utilisation to determine if energy cost savings can be made.

Integrated Systems Design Limited offers a comprehensive range of energy analyses and cost saving solutions.

We are yet to discover an industrial / commercial site where significant energy cost savings cannot be made.



Products



Integrated Systems Design Limited is the agent for numerous products with specialist applications.

- Ciris Engineering
 - Oscar true shape log optimiser
 - Agents for New Zealand and Australia
- Merlin Moisture Meters
 - Exclusive from Merlin Technologies in Germany
- 3-D Scanners:
 - New Zealand suppliers for LMI scanners
- Citect Scada
- Lacey Harmer laser products
- Power Outlet Units:
 - I-Beam mounted to wall mounted units
 - three phase and single phase power outlets
 - circuit breakers to suit
 - Custom design and built to clients specific operation or needs.
- Cyber-Tech operator console hand pieces



Integrated Systems Design Limited will supply, service, install and train on each range of product.