



# AUTOPILOT4FEED: MILL EFFICIENCIES THROUGH INNOVATION

DSL Systems 'AutoPilot4Feed' is a planning, control and automation system for feed and grain plants.

Flexible, fast and truly innovative, it's a game changer for the animal feed-mill production sector.

AutoPilot4Feed is a complete production solution that is fully integrated, fully automatic and covers all areas of the mill operation. The software is designed specifically to provide automation of feed and grain plants, improving feed-mill management and optimising mill production

The system runs on a Microsoft SQL server database. It has a host of benefits. It's truly modular, allowing greater flexibility, fast remote support and adaptable user configuration.

Crucially AutoPilot4Feed is simple and intuitive to operate, yet it provides highly sophisticated techniques that will optimise mill production, and enable unmanned operation where appropriate.

AutoPilot4Feed covers all aspects of feed mill production:

- Meal & grain intakes
- Blending, transfer & conditioning of raw materials
- Quality Control
- Production scheduling
- Weigh batching
- Pellet press control
- Truck delivery receipting
- Alarm system
- Customer orders dispatching.



## 8 KEY BENEFITS

- 1 *Intuitive, point & click graphical interface*
- 2 *Simplifies & speeds up production*
- 3 *Improves order accuracy*
- 4 *Enhances performance monitoring*
- 5 *Creates assurance traceability & tracking*
- 6 *Improves planning, purchasing & scheduling*
- 7 *Web based reporting*
- 8 *Secure data storage*

**Hennessy Electrical Solutions are the Australasian agents for AutoPilot4Feed. If you are planning a new mill install or plant upgrade please get in touch to discuss your requirements.**



# CASE STUDY:

## SealesWinslow

Hennessy recently completed an extensive project installation for SealesWinslow.

SealesWinslow Performance Nutrition is New Zealand's No.1 compound ruminant feed manufacturer.

Operating from "state of the art" facilities in the North Island, the company is an award winning, genuine manufacturer of customised pelletised stock feed.

SealesWinslow's Wanganui plant is currently the most sophisticated compounding feed mill in New Zealand.

The mill is controlled by DSL's AutoPilot4Feed control system, which includes advanced and innovative features not able to be replicated with the more traditional SCADA solution.

Our project work was extensive, focusing on fine-tuning mill production to provide an all-encompassing feed milling site solution.



Hennessy were contracted to deliver:

- A turnkey plant including full upgrade of the electrical system as well as the software based control system.
- Design P&IDs - kept live and updated to all contractors through life span of project.
- Design dedicated Ethernet network for: PLCs, remote I/O, AP4F server and standby, various operator work stations located through-out the site.
- PLC software for I/O gateway to AutoPilot4Feed application.
- Configuration of AutoPilot4Feed including screens, process automation, material transfer, inwards reception and orders dispatch to provide an all-encompassing feed milling site solution.
- Commissioning, calibrating, operator training and as built documentation.
- Category rated individual machine safety systems.
- Hazardous area survey, implementation and certification.
- Hennessy continue to provide 24/7 remote support for all the AutoPilot4Feed installs in Australasia.



## WE ARE HENNESSY

Hennessy Electrical Solutions is an industrial electrical engineering firm with headquarters in Hamilton, NZ.

Hennessy supply innovative and diverse solutions for many industry leaders, including major operators in the dairying, energy, food technology and healthcare sectors. We have forged a proud reputation over the past 35 years by providing full consultation, design and build, turn-key electrical engineering service for every kind of industrial electrical project.

Our expert team is made up of 40+ engineers who each specialize in various technical areas and support staff. Our people are recognized for their technical expertise and knowledge of the engineering, construction industry.

**If you have a plant or mill project you'd like to discuss please get in touch with us today.**

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