



# Hand-Held PDA



www.dsl-systems.com

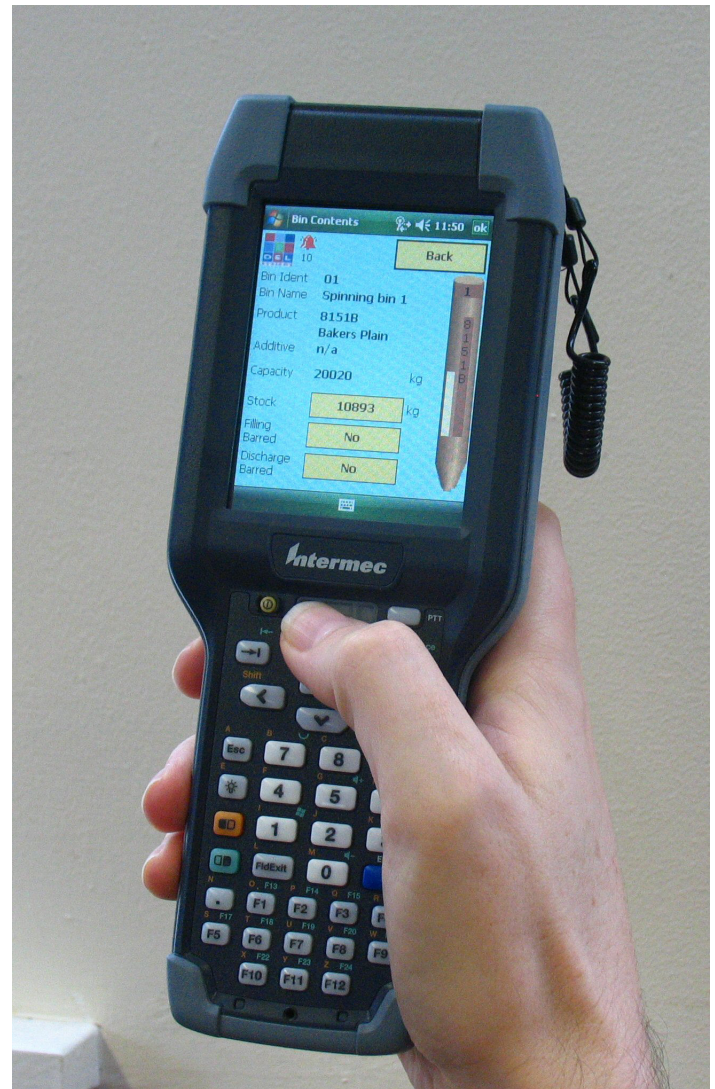
## VICTAM Innovation award winner

DSL's Hand-Held PDA provides a method of controlling the plant remotely using a wireless Hand-Held Pocket PC device. It integrates seamlessly into DSL's AutoPilot4Feed control system, allowing the operators to monitor and make changes to several key areas from anywhere around the plant.

The AutoPilot4Feed Hand-Held software may be installed on any Windows Mobile compatible device including some mobile phones. These devices typically feature a large touch sensitive screen like the one shown to the right. These rugged models are made to a robust specification well suited for harsh environments that also protect the units against dust, moisture and drops. This unit also incorporates a built in barcode scanner. Each Hand-Held terminal has a range of approximately 20 metres from the Wireless Access Point (WAP). This can be extended by adding further WAPs throughout the plant.

DSL Systems has taken great care to ensure that the AutoPilot4Feed Hand-Held system is simple to use. The user is provided with easy to follow touch-screen interfaces with clear information to allow them to perform many tasks swiftly and effortlessly.

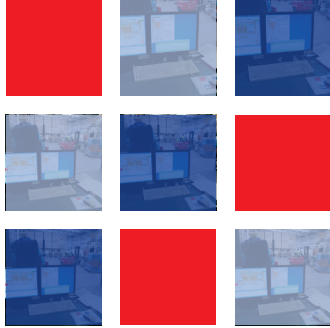
Always on view (at the top of each screen) is the number of alarms and the number of items in override. The available options are displayed on large buttons which can be configured to suit each site's particular requirements.



Hand-Held main menu screen

### Hand-Held facilities at a glance

- Production programme view
- Hand tip requirements view
- Alarm view
- Item override
- Bin stock view / modification
- Bag stock book in
- Carousel bin filling
- Intake control
- Pellet press control
- Flour mill control
- Product transfer
- Warehouse stock tracking
- Feeder calibration



## Item override

The item override option allows the user to view and perform overrides on any item within the plant. If an operator has to perform some maintenance on a piece of plant, they can stand next the item and actually operate it; watching to see if it operates correctly. This eliminates the need to have a second person with a radio in the control room.

The number of items in override is indicated at the top. A scrolling list shows the status of every item in the plant. Selecting the item allows it to be forced to run or into position. Item alarms may also be accepted using this facility.

Ident	Status
C1	Stopped
C2	Stopped
C22	Stopped
C22_TO_B13	Open
C22_TO_B14	Idle
C22_TO_B15	Idle
C22_TO_C7	Idle
C3	Stopped

## Stock control

The Hand-Held has facilities to view and modify bin stocks so that the stocks can be corrected while performing a bin dip at the top of the bins.

Raw material bags can be booked on site using the built in bar-code scanner. When these bags are scanned and tipped at the hand tip station the stocks are automatically deducted. A similar function allows carousel bins to be filled with bags which can be used to only open the correct bin lids.

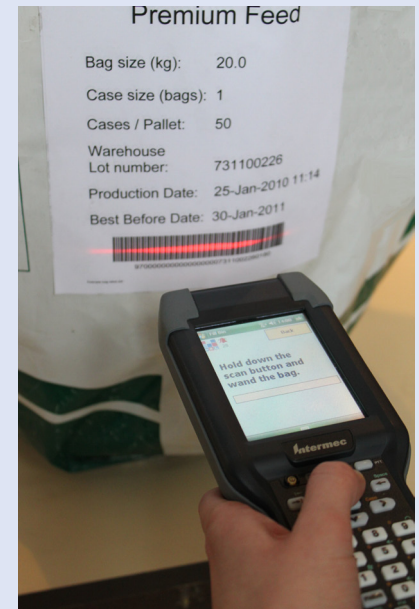
## Intake and transfer

Intake and transfer operations can be controlled from the Hand-Held system. Typically, the Hand-Held can be installed in a tipper truck to minimise delays and reduce operator workload.



Hand-Held installed in a tipper truck

Intake screen



Scanning a bag into stock

## Pellet press control

Production lines can also be monitored and adjusted remotely using the Hand-Held terminal. The Overview page provides the operator with live summary information for each line, and touching the screen on the desired production line displays more detailed information and allows the operator to adjust various settings in real-time. Additional features include the ability to force a cleanout or dump the pellet press.



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