



THE ABBERFIELD GROUP

Data Processing & Banking Overview

for Water Filling Stations

A Complex Operation Made Simple
for Abberfield's Customers

Problems with water theft?

Need secure access to water in the community?

Take advantage of the NEW technology. Installations can include credit card, stored value or account card operation, as well as coin and token payment systems.

Designed and manufactured in Australia for the Australia landscape:

- Configured to meet local requirements
- Council sustainability objectives met
- Payment options: credit, debit, account card, stored value card, coin and token
- Two outlets: one outlet for RVs and public use, one for tankers. Now smaller containers can be filled with a garden hose, right through to large water tankers utilising high volume pipes; all from the one machine
- Modular construction - replaceable electronics plug-in and can be remotely serviced by unskilled staff
- Plumbing is contained in the base, electronics in the top
- Available 24 hours or nominated hours only
- Optional battery backup with optional solar power
- Online management providing live reporting and remote diagnostics
- Anti-vandal construction
- Insect repellent
- Designed for heat mitigation making them suitable for Australia's hot climate
- Small in size making them easy to move to another site if required



See pg 2 for Back Office and Banking Process

Data Processing

- Central base communicating with all machines
- Approving payment process
- Transferring funds from end customer to clients bank
- Providing audit trail and usage reporting
- Remote machine configuration capability
- System diagnostic capability

Abberfield Industries and Abberfield Technology embrace all of the equipment design, manufacturer and site related support. Everything is offered, mechanical, electrical, electronic hardware, operating software and site-related data communication. The Abberfield Group have very extensive capabilities, based on decades of experience with similar products.

One area not adequately supported, in-house, is the financial institution processes and the actual banking function. These are outsourcing to specialist organisations.

The compliance requirements to protect the data being transmitted is extensive (including credit card details). The compliance approvals processes regularly verified by the banking industry and separately by the credit card industry, is demanding and expensive.

Then the Abberfield system adds enhanced system functionality, in particular Account card usage and detailed diagnostics, all processed through the highly regulated credit card data processing structure.

Driving this process is the objective of only one point of access for an end user, the credit card module, which also accepts account cards, stored value cards and other devices. Yet credit card compliance strictly protects the data process. Achieving total system co-ordination involves close collaboration between Abberfield's operating system and Abberfield's back office and banking partners, to use the credit card reader to also read account cards.

Whilst Abberfield maintain their independence and may partner with any of the back office organisations, our first choice was the industry leader, **Card Access Services** supported by their own banking facilitating organisation **Paymate**.

Card Access Services and Abberfield have a long association over many projects, not just water systems. The interlinking, fully compliant software has been developed and refined, now allowing new customers to "piggy back" on past experiences without the expense of new system integration. Abberfield and Card Access Services offer **worlds best practice** end to end compliant, customer configurable functionality.

There would be:

- One contract with Abberfield Technology for the equipment and data processing interface.
- A separate contract with Card Access Services / Paymate for the post installation ongoing data processing and banking services.



Enquiries for equipment are to: **Abberfield Group**

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John Colyer

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Enquiries for Data Processing and Banking are to:

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E: ssavva@cardaccess.com.au

General Manager: Stelios Savva

Support: Alex Stanford

*Refer to Abberfield's technical
brochure for details of the
reporting and diagnostic
functions.*

