Digital Logistics & Fleet Management

ADVANTECH DLoG

Advantech-DLoG Reference

DLT-V8310 Convinces Tetra (As a Heat-Resistant Forklift Terminal)
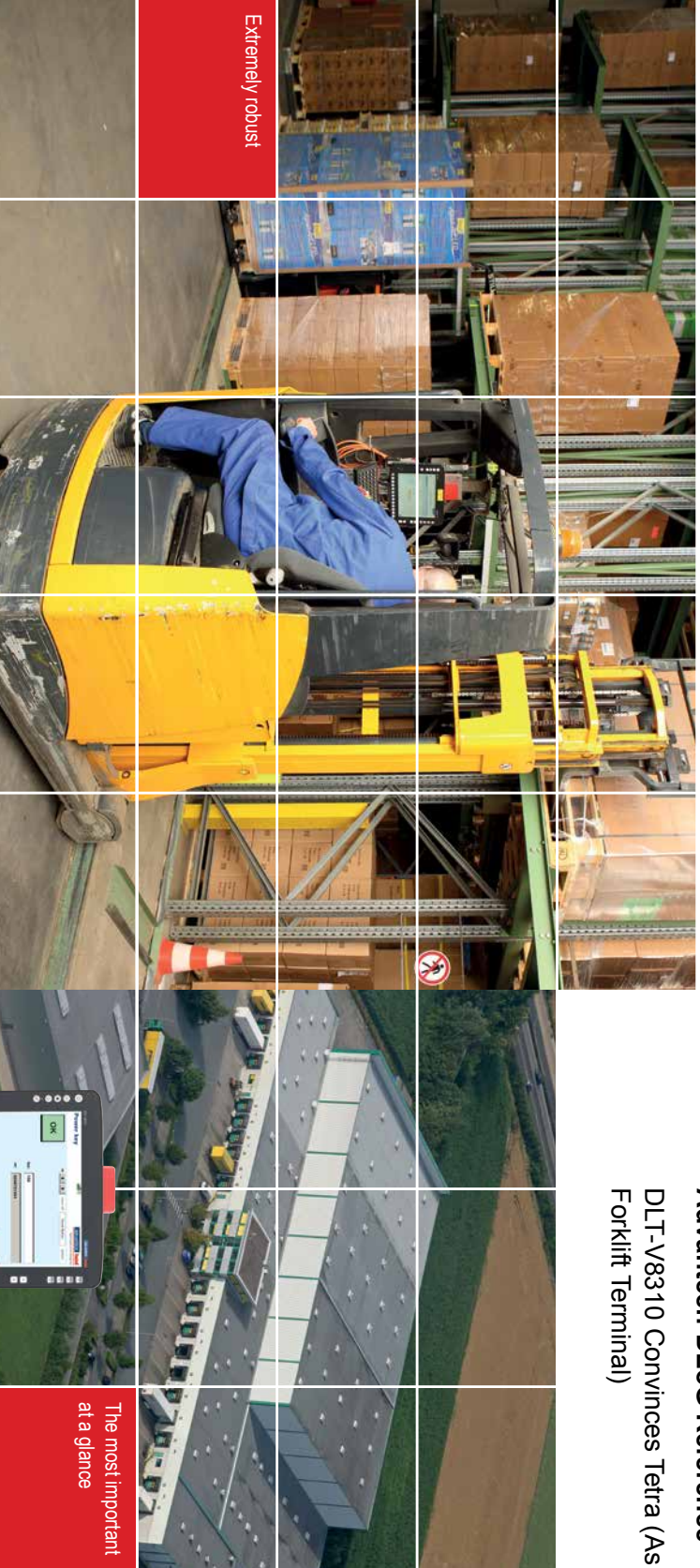
The initial situation

Problems with the reliability of the old forklift terminal: the previous models were very vulnerable to temperature fluctuations; when exposed to heat, they output error messages until cooling down.

The solution

6 DLT-V8310i industrial computers with radio handheld scanner

The advantages

- temperature-stable, fail-proof terminals with long availability
- system stability ensured, even in the event of hard shutdown, etc.
- simple operation in everyday warehouse business = satisfied users

The most important at a glance

Extremely robust

■ **Made in Germany**

Tetra

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At the end of the 1940s, fishkeeping was a particularly exotic hobby – because obtaining the proper food for fish was virtually impossible.

A fish food in flakes, developed by a young scientist, laid the foundation for Tetra and gave cause for the company's global success. Today, Tetra supplies owners of aquariums, garden ponds, and reptiles with everything they need – worldwide.

An all-round convincing vehicle computer...

Companies are successful when all elements involved in the processes interact smoothly, even under tough conditions. But a process is only as strong as its weakest link. In the Tetra warehouse, the forklift terminals used would fail when exposed to heat, upsetting the logistics processes – an unacceptable situation for a globally active company.

...even under demanding, changing conditions

For our quality standards in general and the DLT-V8310 specifically, temperature resistance is a matter-of-course product feature. Its resistance to dust and rough handling ensures a long product life cycle and high availability. Should a repair be necessary at some point, Tetra can count on our fast repair service.

The software on the vehicle terminal determines the on and off behavior and was kept as simple as possible on the forklifts – when the ignition key is inserted, the forklift starts automatically; when they key is removed, it goes into stand-by; in the evening, it shuts down completely to save battery power.

DLT-V83

Fast repair service

The DLT-V8310, which was recommended to Tetra by our partner PCO as a fail-proof alternative, was tested down to the last detail and convinced us across the board compared to terminals of other suppliers.

The demonstrated applications and robustness of the DLT-V83 were the deciding factors leading to Tetra's purchase.

Project highlights

- heat-resistant vehicle terminal with easy-to-operate touch screen
- adjustments by Tetra possible – SAP GUI was adjusted by Tetra
- easier adjustment of the frontend/desktop