

CASE STUDY – DAIRY CREST

Dairy Crest integrates the Motion Computing F5 Tablet PC at its 13 sites throughout the UK and Ireland. This ensures that the onsite management of contractors complies with the Health & Safety at Work Act 1974 through the application of a turnkey paperless ‘permit to work solution’ provided by Box Technologies and Prime Design Consultants.

An Overview

A pressing need to introduce an auditable and real-time process to manage its growing number of third party on-site contractors led Dairy Crest to seek out a new paperless mobile solution.

To meet its obligations under the Health & Safety at Work Act 1974, the leading UK dairy products company looked to Box Technologies and Prime Design to provide a computerised solution.

The result was the introduction of the Motion Computing F5 Tablet PC to all 13 of the company’s production sites in the UK and Ireland as part of a highly effective turnkey mobile system.

The Parties Involved

Dairy Crest – Founded in 1993, Dairy Crest has become the UK's leading manufacturer of chilled dairy products. Operating at 13 sites throughout the UK and Ireland, the company has developed a number of major retail brands including Cathedral City Cheddar, Clover Spread and Country Life Butter.

Box Technologies – Founded in 1992, Box Technologies has become a leading provider in a diverse range of technologies and services aimed at multiple industry sectors. As a Motion Computing UK distributor, Box Technologies supplies a network of software developer and value-added reseller organizations, each with specialist expertise and services that cover the entire range of business IT applications across their chosen industry. These business partnerships, and Box's ability to provide both product and supporting services, ensure that end users receive industry-leading advice and rapid delivery.

Prime Design – Software consultants specialising in plant and machinery layout and design. (PD to ADD)

The Challenge

With a growing number of third party on-site contractors working at its 13 sites in the UK and Ireland, Dairy Crest needed to improve the paper-based systems it was using.

This would then enable the company to monitor contractors with regard to 'permit to work tracking and issuing' together with the conducting and issuing of risk assessments to meet its public liability obligation under the Health & Safety at Work Act 1974.

More specifically, the challenge was to collate and manage a database of contractor-approved documentation; issue a permit to work onsite whilst providing a head office function to track all contractors; and all of this in a mobility solution which in many cases would need to include signatures.

The Solution

A unique turnkey solution was provided by the combined expertise of Box Technologies and Prime Design. Two years of software development by Prime Design Salutas Tracker found its perfect hardware 'fit' in the semi-rugged Motion F5 Tablet PC.

The opportunity with Dairy Crest and Prime Design's Salutas Tracker led directly to the deployment of the Motion F5 Tablet PC to provide 'on-site, real-time' productivity in its production facility.

The additional features designed into the lightweight Motion F5 Tablet PC - including a powerful Intel Core 2 Duo processor and improved battery life - allowed Dairy Crest to:

- Obtain contractors' signatures with ease;**

- **Take a picture with the built-in camera of any possible safety risks;**
- **And eliminate any communications or safety compliance delays.**

The Technology

The semi-rugged Motion F5 Tablet PC has replaced paper-based documentation at Dairy Crest and provided a central technology point for the monitoring, control and issuing of documentation.

The main features of the Motion F5 Tablet PC include:

- **Semi-Rugged Design**
- **Powered by a Intel Core 2 Duo Processor**
- **Lightweight Design (3.3lbs)**
- **View Anywhere Display**
- **Powerful Lithium-Ion battery**
- **Integrated Camera**
- **Desktop Docking Capability**

The units were supplied by Box Technologies under the product line of Box Mobile through their ISV partner Prime Designs

The Conclusion

“The deployment of the Motion F5 Tablet PC at Dairy Crest’s 13 production sites has enabled us to address the real-time issues and

auditable challenges associated with paper-based documentation,” says Dairy Crest engineering manager, Andy Cxxxxx.

“We’ve seen a number of additional bonuses with on-site operational efficiencies since our deployment which has been met with a glowing report from our public liability insurer.”

Continuing this theme of versatility, the Managing Director of Prime Design, Keith Gxxxxx, can see much wider applications for the Motion Computing F5 Tablet PC:

“The system has transformed the way Dairy Crest handle their health and safety documentation,” said Keith. “In companies where there are multiple sites or several operational scenarios, the need for flexible electronic systems is all too clear.”

Key Quotes:

**Andy Cxxxxx, Engineering Manager, Dairy Crest Limited
Keith Gxxxxxx, Managing Director, Prime Designs Ltd**

ENDS