



English

- Easy integration
- High resistance
- High image quality
- Long battery life

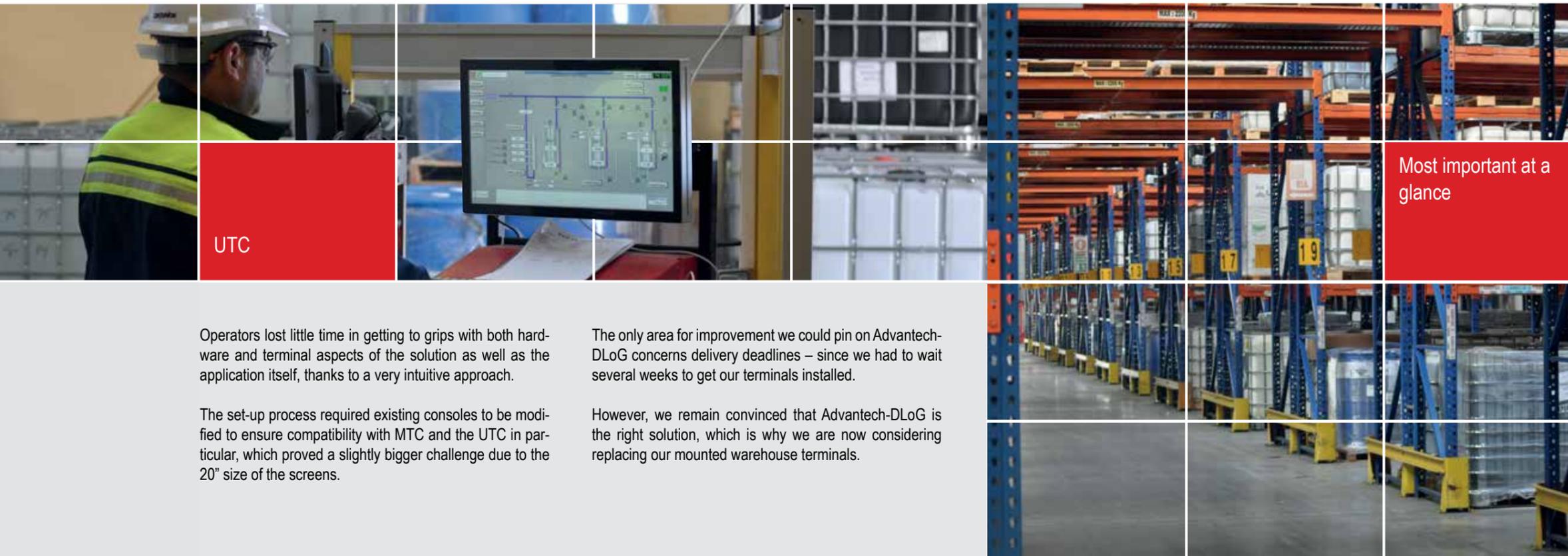
The MES functions include:

- Production management with Call, Constitution and Consumption ranges
- Traceability
- Managing the exposure of persons to products
- Managing OEE (Overall Equipment Efficiency)

and encompass illustrative diagrams and ever more accurate plans and photos: the graphical capacities (resolutions of up to 1920\*1080 on the UTC) will be crucial in the future. "The Marle sur Serre factory is blazing a trail at the heart of Bayer in installing this MES as a pilot site for this type of implementation. Choosing the right equipment was vital to the success of the project.", confirms Benoit Richard, who oversaw the setting up of the terminals and the MES.

## Advantech-DLoG Reference

Advantech-DLoG supporting Bayer in their implementing to improve quality of life



UTC

Most important at a glance

Operators lost little time in getting to grips with both hardware and terminal aspects of the solution as well as the application itself, thanks to a very intuitive approach.

The set-up process required existing consoles to be modified to ensure compatibility with MTC and the UTC in particular, which proved a slightly bigger challenge due to the 20" size of the screens.

The only area for improvement we could pin on Advantech-DLoG concerns delivery deadlines – since we had to wait several weeks to get our terminals installed.

However, we remain convinced that Advantech-DLoG is the right solution, which is why we are now considering replacing our mounted warehouse terminals.

The Bayer group is a multinational firm with core businesses rooted in the sectors of health, agriculture and high-performance materials and with 3 distinct entities:

- Bayer HealthCare
- Bayer CropScience
- Bayer MaterialScience

The group clearly places a priority on a people-first policy, and its products and services aim to improve quality of life. Leveraging innovation, growth and profitability gains to create value, Bayer puts just as much effort into its role as a corporate citizen and commits to upholding principles of sustainable development alongside social and ethical responsibilities.

In 2013, the group employed a total of 113,200 workers and achieved sales revenue amounting to 40.2 billion euros, 3.2 billion of which was devoted to R&D.



DLoG GmbH

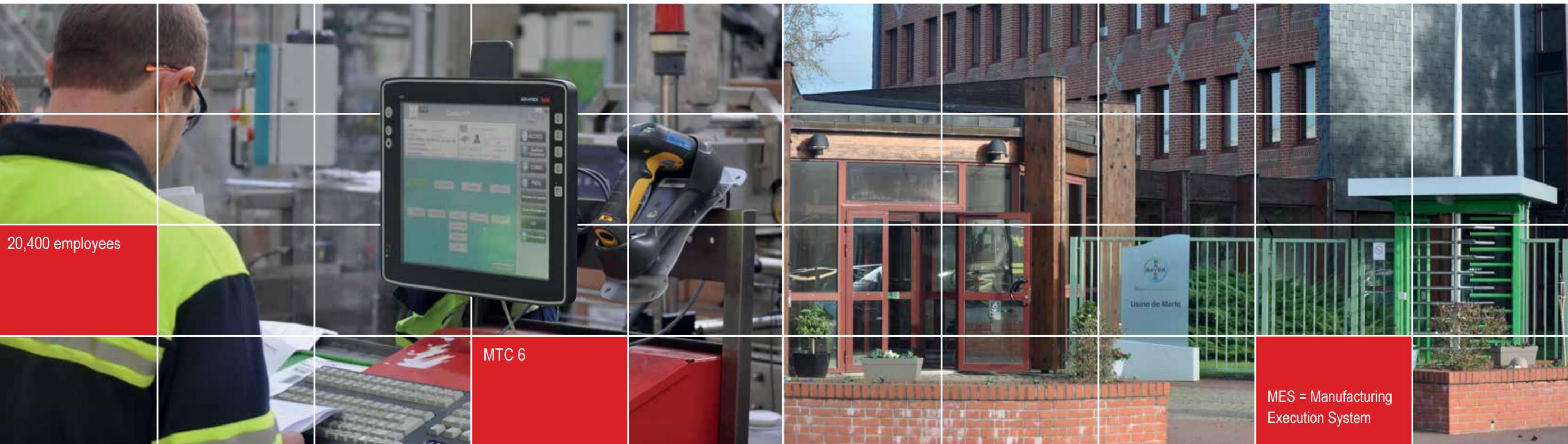
Industriestrasse 15, 82110 Germering, Germany  
 Phone: +49 89 41 11 91-0  
 Fax: +49 89 41 11 91-900  
 E-Mail: [info@advantech-dlog.com](mailto:info@advantech-dlog.com)  
 Internet: [www.advantech-dlog.com](http://www.advantech-dlog.com)  
 © by DLoG GmbH 2015





“That makes logistics a key challenge” according to Benoit Richard, who oversees IT projects. The Bayer CropScience subsidiary, based in Monheim, is a global leader in the agrochemical sector. The company has consolidated its growth around strong-performing products while adopting a pioneering role in the field of innovation and remaining totally receptive to its customer needs. The activities of the operating company are structured into three divisions, namely Crop Protection, Environmental Science and Seeds, employing a total workforce of 20,400 people (2013).

The activities conducted at the Marle sur Serre site in the North of France include warehousing crop protection products as well as those for use in gardens and green spaces, formulating specific products and their distribution. DLoG solutions are characterized by their durability and the support they provided, which was appreciated by both commercial and technical teams alike, cemented their selection as the solution of choice for forklift trucks: we have deployed 30 MTC 615 and 6 UTC 520 on the packaging unit consoles, which accommodate MTC as well as UTC to cover certain specific needs.



20,400 employees

MTC 6

MES = Manufacturing Execution System

- Crop Protection is dedicated to conserving cultures through solutions, services and expertise tailored and aligned to meet performance, safety, health and environmental requirements.
- Environmental Science offers products and services intended to help conserve green spaces and gardens, and combat pests and disease vectors in the process. This activity is geared towards professionals as well as the general public, via the Bayer Jardin brand.
- Seeds is the sector researching, developing and commercializing seeds and genetic traits. Priority areas for this division include major crops: cotton, rape and rice seeds, vegetable seeds and – more recently – wheat.

M. Sarrazin reaffirms why they opted for Advantech-DLoG: “First and foremost, we sought a dependable solution which would eliminate our problems relating to the maintenance, resolution and readability of screens and this was also a decisive criterion when it came to installing our new MES. The crucial must was the ability to simultaneously display either SAP GUI screens and/or Wonderware screens via

our MES, and a terminal builder with a wealth of experience in radiofrequency and Wi-Fi installations was also vital. Seamless compatibility with the pre-existing Cisco architecture gave us peace of mind, while Advantech-DLoG paved the way for us to perform in-depth tests. Finally, the icing on the cake was the availability of equipment during our MES trials”.