

# UKWA Warehouse

Official Newsletter of The United Kingdom Warehousing Association

October 2011 Volume 20 No 8



**The Answer to awkward surfacing issues**

See pages 34-35



# Wireless Temperature Monitoring

An excellent investment for Warehouses – Rapid ROI

## Atlas Technology

### Accreditation

Atlas Technology can provide everything that is required from high accuracy real time monitoring to full system validation IQ/OQ/PQ. Full after sales support and maintenance contracts are available with UKAS traceable calibration certification.

All system sensors are battery powered which ensures continued operation in the event of mains power loss. We can also supply probes that can buffer data should the system hub(s) be unavailable for any reason. Peace of mind is assured.



### System Features

- 21 CFR Part 21 compliant
- Industry leading performance (up to 2000 meters)
- Self healing wireless technology
- Sensors can buffer data to prevent loss
- Real time data capture and alarm functions
- Central database with multi-client access
- Multi-site expandable using your existing network
- User configurable sensors
- Sensors have graphical display for easy setup
- Unlimited sensors on a single system
- Integrated warehouse and in-transit systems
- Many different probe types available
- Low cost solution with easy expansion

### Cost Saving

Compared to manual warehouse monitoring methods a wireless system can provide a saving of around 90% in running and operating costs resulting in very rapid return on investment. Atlas Technology also specialises in low cost temperature mapping services.

### Integrated solution

Warehouse live monitoring and In-Transit mobile data recording can be integrated into a single system that can span as many sites as required to provide true centralised operation. Automated data capture technology is an integral feature of our Synapse data system.



### Technology

Our Synapse wireless data system has been developed over 30 years and represents the ultimate in real time warehouse environmental monitoring and alarm systems technology. Our technology systems are in use worldwide. With industry leading wireless performance and rapid installation synapse offers a host of features which will allow you to meet your accreditation requirements with the minimum time, effort and expense.

**ATLAS TECHNOLOGY Ltd – UK** (World wide distributors)

Web : [www.atlastechnology.co.uk](http://www.atlastechnology.co.uk)

Email : [sales@atlastechnology.co.uk](mailto:sales@atlastechnology.co.uk)

Phone : +44 (0) 1733 306108

Unit 60, Culley Court, Peterborough, Cambs, PE2 6WA

# First-rate Floor Improves Trucks Efficiency

The floor at a new Very Narrow Aisle (VNA) warehouse facility in Greece was recently completed by Eurolit Industrial Flooring who represents Concrete Grinding Ltd (CG) in Greece.



The floor of the distribution centre, belonging to a well known supermarket chain Masoutis S.A. in Greece, was built by Eurolit using Laser Screed construction to meet at least with Line 4 of the DIN 18202 – the strictest DIN free movement specification. CG's involvement in the project was to use their patented Laser Grinder® technology to grind the narrow aisles to a tolerance suitable for the VNA

trucks to operate safely and efficiently. Before grinding, a Profileograph survey was carried out in every aisle and the results analysed to determine where the floor was out of the required specification of DIN 15185 >6m (for lift heights of 6m or higher). Of the 4,510m of aisles, CG found that only 46% (2053m) of the floor within the truck's outer wheel tracks and 8.5% (384m) of the centre wheel track required Laser Grinding to meet with this specification. CG's unique and cost effective approach minimised the amount of grinding, as only the areas out of specification needed grinding rather than the full length of every aisle. This process also ensured a quick work programme on-site, which was critical for this project as grinding was completed before the installation of racking. After grinding, a second Profileograph survey was carried out in every aisle and Face Consultants issued a report to the client to confirm compliance with the DIN 15185 >6m specification. It is worth noting that the design of the warehouse included a large number of columns and around 40% of the aisles were located very close to these columns. This made it difficult to achieve the DIN 15185 specification during the floor construction. If these columns were not so close to the



aisles, only around 30% of the aisles could have been found to be out of this specification, lowering the grinding cost even more. Ioannis Masoutis, Chairman of the Board commented, "The high standards required by D. Masoutis S.A. throughout our operations demanded the construction of an industrial floor of the highest quality. The technical solution offered by the main contractor VERMION S.A. and executed by EUROLIT INDUSTRIAL FLOORING in co-operation with CONCRETE GRINDING LTD fully justified our choice. The new DC was fully operational in September. For more information, please visit [www.concrete-grinding.com](http://www.concrete-grinding.com)