



## CASE STUDY

CipherLab Customer Spotlight: Delphi Corporation

### CipherLab Terminals Give Automotive Shock Producer a Smoother Ride

#### Profile

Delphi is the world's largest manufacturer of automotive systems and original equipment components, providing comprehensive product solutions to vehicle original equipment manufacturers (OEMs) around the world. Every item that carries the Delphi brand is manufactured to meet Delphi's high quality standards. Delphi applied this same attention to its search for a methodology to ensure its U.K.-based shock absorber production plant consistently met product quality goals. CipherLab's CPT-8001 Wireless Portable Terminal was selected to help smooth plant operations and provide a post-production safety mechanism to facilitate any needed product recalls.



#### Deployment

For Delphi, nothing is more important than the quality of its products and its customers' peace of mind. At its U.K. shock absorber production plant, CipherLab's 8001 portable terminals deliver on both fronts, from the start of each shift to post-production recordkeeping.

Upon arrival at the plant, operators initiate each shift by selecting a 8001 terminal from a central charging point and reading the barcodes on their identity badges. They are then given work orders showing the type and quantity of product to be produced. As the shock absorber struts leave the production line, the operator places them on pallets, reading two barcodes: the one on the side of each unit, and the Odette label barcode on the side of the pallet. This system ensures that there are no mixed product pallets and that the exact quantity is correctly loaded. At the end of each shift, data is downloaded from the 8001 terminals to a central computer, collating the records to ensure the correct products and quantities were produced.

With this system, regardless of the production schedule, Delphi can identify the date and time of manufacture, the operator and the production machine involved with each product unit. This enables the company to quickly respond to customer information requests, reinforcing its quality brand status, and, in the event of a product recall, such detailed information may limit efforts to a single pallet – providing an immediate return on investment.

## **About the CPT-8001 Wireless Portable Terminal**

The robust CipherLab 8001 portable terminals are ideal for warehouse, distribution, retail and field service deployments. The units, which can be ordered as either laser or linear scanners, offer a ruggedized design that meets industry drop standards, as well as a backlit display, small hand-held form factor and over 100 hours of battery operation for reliability in the most demanding settings.

## **About CipherLab**

CipherLab is a global leader in the design, manufacture, and marketing of Automatic Identification and Data Capture/Collection products and systems. The company's mobile computers and scanners are integrated into the networks of some of the world's best known logistics, retail, distribution, government installations, and healthcare companies, helping them run more efficiently and effectively onsite and on the road. Headquartered in Taipei, Taiwan with offices in China, Germany, UK, and USA with operations worldwide, CipherLab is publicly traded on the Taiwan stock exchange (Taiwan OTC: 6160). For more information, please visit <http://cipherlab.com>