

# WiFi and Mobile Computing Specialists

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## CASE STUDY: [Accolade Wines](#)



**Accolade  
Wines**

### *Ensign Delivers New Wireless Infrastructure to Europe's Largest Bonded Warehouse*

Formerly the Hardy Wine Company, founded in 1853, and Constellation Europe until 2011, Accolade Wines tops the pile as the UK and Australia's largest producer and distributor of wine and sells some of the best known brands in all four corners of the globe.

#### **Trade Routes**

As part of a significant expansion in its UK operations, Accolade Wines were planning an all new national distribution centre (NDC) in Avonmouth, on the outskirts of Bristol. Sitting close to the bank of the River Severn, the new location would put Britain's most centrally located deep sea port right on their doorstep, as well as offering direct access to the country's main motorway networks.

#### **Largest in Europe**

The new state-of-the-art centre required a wireless network which would be able to cope with the demands of what was set to become the largest bonded warehouse in Europe, measuring an impressive 80,000m<sup>2</sup>. Accolade approached Ensign with a brief to build a fully resilient, fast, reliable and secure wired and wireless infrastructure across the distribution centre, its extensive production area and staff offices.

Coordinating with a number of other trades on what was a green-field site, Ensign were heavily involved in the design process from the very early stages of the project. Working alongside Accolade, the route of the cabling and the trays that would house it were determined before the interior build began, ensuring a fast and efficient installation, whilst reducing any unforeseen problems on-site.

Often working at heights of up-to 17 metres, Ensign's engineers deployed a wireless LAN consisting of 140 access points, 1,400 outlets and over 8.5km of fibre-optic cabling.

#### **The Outcome**

With the behemoth warehousing, bottling and distribution operation now in full flow, Ensign's network infrastructure is helping Accolade to fill up-to 400 glass wine bottles every minute, equating to an average of 130,000 cases of vino per day, ready to be distributed around the United Kingdom.

Accolade has enjoyed a significant growth in demand for production since its operation on the Severn Estuary went live, and with more expansion of the site in the pipeline, the successful partnership between Ensign and Accolade looks set to continue.

### **The Challenge**

- *To completely design and install a wired and wireless infrastructure across a new 80,000 square metre national distribution centre.*

### **The Solution**

- *A secure, pervasive and resilient wireless LAN consisting of 140 access points, 1,400 outlets and 8.5km of fibre-optic cabling.*

### **The Results**

- *A fully-secure and reliable network infrastructure - helping to increase production and continued business growth.*

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