



## Customer

**John the Baptist Community School** opened its doors in 1997 as amalgamation of Presentation De La Salle and Hospital Vocational School. It has almost 1,000 students and over 100 teachers and employees. Spreading across five buildings it spans an area of almost 17,000 square meters. The catchment area of the school situated in the town of Hospital is mainly the rural County of Tipperary and East Limerick in the Southwest of Ireland.

## Concept / Requirements

- Need of a **professional and robust wireless network solution** for almost 1,000 students and 100 teachers
- **Internal network** to access IT resources and classroom materials via mobile devices of teachers and students bring your own device (BYOD)
- **Optimized configuration and maintenance** of the wireless network

## Solution

- Former consumer class Wi-Fi was **replaced by high-quality wireless network equipment “Made in Germany”**
- **Centrally managed Wi-Fi network** by wireless controller and connected via two managed Gigabit Switches
- **Scalable network** enables the administration to gradually expand it according to the steady growth of the school

## Benefits

- **Stable and fast Wi-Fi in classrooms** for working with additional online material
- **Wireless access** to the school's cloud-based VSWare administration platform from everywhere inside the buildings
- **Cost-saving** through working solely with mobile devices like laptops
- **Through more efficient network** more space and time for better teaching
- The network is **capable of growing** together with the rising numbers of students at the school



## Infrastructure

1 x LANCOM WLC-4025+ wireless controller

33 x LANCOM L-330agn dual radio

2 x LANCOM GS-2326P gigabit switches

