

Mater Amabilis Pastoral Community

Help From the Cloud Means Italian Parish Can Keep Serving Community

Customer at a glance



Customer Name

Mater Amabilis Pastoral Community



Industry

Religion



Country

Italy



Customer Background

The Mater Amabilis pastoral community is a parish in Milan that also provides accommodation for the out-of-town family members of people in hospital in the city. And that's not all. The parish's three-story building also serves as a Caritas center, a language school for Italian learners, and an after-school program for secondary school students as well as providing supports for the elderly and those in need.

Summary

Providing the public as many services as it does, the Mater Amabilis pastoral community had substantial needs in network connectivity, management, and security. Wireless coverage was required for events in the chapel, for guests attending parish activities, and for the parish's administrative work. In addition, separate networks were wanted to ensure data security while also centralizing the network's management in order to allow the easy control of switches, the wired network, and the CCTV system. Zyxel NSW200 cloud-managed switches were installed to support the dozen-plus telephones and many video intercoms, with GS1920 switches used to manage the network. Next, NSG50 and NSG100 firewalls were deployed to secure internet access via content filtering, with a VPN unifying network management and allowing remote access. This also means Nebula firewalls and APs can be deployed quickly, easily, and remotely. Finally, the wireless network was separated with VLAN and different SSIDs, ensuring data security and GDPR compliance. Zyxel's network solution now allows the parish to operate smarter, like through access badges and by controlling its boiler remotely. The improvements extend to the IP security cameras, which now have no streaming latency thanks to the significantly improved data speeds.

Challenges

- Provide fast internet via cable and WiFi to support various activities throughout parish's three stories
- Create separate networks to ensure data security
- Facilitate efficient management of wired and wireless networks and CCTV cameras

Benefits

- Network segmentations via VLAN and multiple SSIDs ensure secure and GDPR-compliant communication
- Nebula cloud networking allows firewalls and APs to be installed and configured easily and remotely
- High-performance WiFi facilitates advanced parish activities, security monitoring, and smart living

Products used

- NAP102 Nebula Cloud Managed Access Points
- NSG50/NSG100 Nebula Cloud Managed Security Gateway
- NSW200 Nebula Cloud Managed Switch
- GS1920v2 Series Smart Managed Switch