

**Istituto Comprensivo “88 E. De Filippo”,
Naples, relies on Kerio’s products for the
safety of the IT infrastructure in its locations
and on the technical support of Miga System**



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Introduction

Ponticelli is the district that hosts Istituto Comprensivo. The district stretches along the course of ancient river Serbeto in a large valley at the feet of Vesuvio and occupies the eastern part of the municipality of Naples. The district's economy was originally based on agricultural and handicraft activities that are now almost non-existent, having started to dwindle at the beginning of the '60s following the construction of several businesses.

The area has also experienced a significant urban growth: new public and private housing has continued to be built causing quite a few difficulties and issues both to both locals and newcomers. The most recent neighborhoods, which were built after the 1980 earthquake, have given life to a "suburb in the suburbs" due to their scale, though the gradual and continuous transformation of the district is helping to solve the numerous difficulties and issues that resident have had to endure for years.

The area surrounding Ponticelli is today well-connected thanks to a bus station (ANM), brand new highway junctions and ring roads and the new Circumvesuviana rail network. Several community services (that have increased over time) are within walking distance: post-offices, hospitals, rehabilitation centers, etc., along with cultural hubs and leisure centers like the sports hall, the "Canottieri Napoli" swimming pool, the library and documentation and social center.

The former 88th Circolo Didattico (didactic circle), now known as Istituto Comprensivo (comprehensive institute), is divided into **3 complexes**:

- Complex "E. De Filippo" (formerly known as CO.NA.CO.), located in via del Flauto Magico, is the seat of the Presidency and offers a wide range of facilities and materials: it serves a very mixed schooling audience due to the polyform identity of the various family units who however share the same socio-economic issues common to the majority. In the 2012/2013 academic year, the complex has grown thanks to the inclusion of a lower secondary school after the conversion of the didactic circle into a comprehensive institute.
- Complex "Madonnelle" is situated in a completely renewed prefabricated building of former Rione Incis that initially accommodated civil servants' families only and later welcomed families from the historical center of Naples. It incorporates a nursery school, primary school classes and, starting from 2014, even lower secondary school classes.
- Complex "Petrona", now located in the new seat of via Rossi Doria, is constituted by two buildings with nursery and primary school sections that now accommodates even a lower secondary school course. This complex is attended by an audience with very different socio-cultural realities.

here are several schools in the territory: many comprehensive institutes, secondary schools (focusing on scientific, classical and language studies), ITIS, IPIA, an agricultural college and an institute for surveyors.

At present there are 900 students enrolled in the schools and 120 teachers and school staff.

Miga System S.r.l.

Miga System S.r.l. manages Educational projects focused on the innovative technologies that support education. 2022 was also the year in which European funds were awarded to schools to install "structured and safe cabling inside school buildings". This is why one of the marketed products included the GFI KerioControl firewall.

The school's LAN currently comprises 120 wireless network points with 18 access points for a total of 500-600 managed devices.

As the school departments range from a nursery and primary schools down to a lower secondary school, we choose a GFI KerioControl firewall license for an unlimited limited of users, which is installed in a NG510 box.

Istituto Comprensivo "88 E. De Filippo" in Naples was searching for a product that could stabilize the many concurrent connections while leveraging the whole Internet network bandwidth of the institute, which amounts to approximately 890 Mbps. They also needed to manage several networks and differentiate their use among the various departments (one LAN is currently used by the administrative offices, while another LAN is reserved to school users) or employ them for future use.

Improved security with GFI KerioControl firewall

Dott.ssa Concetta Stramacchia has been the school principal since 01/01/2019. The technical manager of the school summarized the school's experience with GFI KerioControl firewall:

 *"GFI KerioControl was recommended to us by our supplier, Miga System S.r.l.*

We had to schedule a short trial period to customize the firewall to our demands and to enable the content filters. We definitely were geared towards GFI KerioControl because of the experience of our supplier, Miga System S.r.l., that is aware of our needs as they are our IT maintenance contractors.

We are currently considering new implementations and evaluating the possibility of creating a single large network connecting these three school buildings located in the eastern part of Naples. This will ensure a more streamlined interaction between the various production tools used by the institute and specifically in the headquarters.

At present we have achieved a high level of satisfaction as far as GFI KerioControl goes, especially in relation to the content filter it incorporates that has solved long-felt issues. We can now claim we have a simple and user-friendly interface that correctly routes contents.

We have not experienced significant issues during the implementation of the GFI KerioControl solution. The technical support provided by Naomis and Miga System S.r.l. has helped us to define the key steps to correctly configure GFI KerioControl in function of our needs and the characteristics of the installed system.

The firewall solution supplied by GFI KerioControl fully satisfies our school network safety and management requirements."

