

Case Study

The Ritz Paris

Customer The Ritz Paris

Location Paris, France

Requirements An end to end solution offering high performance

Equipment Category 7_A S/FTP Cable, Category 6_A jacks, Environ Racks, Excel Fibre

Installers Comment "We needed a product that could meet our technical specifications and provide a quality solution at the same time as being sympathetic to the character and history of our unique building. The Excel solution installed surpassed our expectations and provided us with a 25 year warranty, giving us peace of mind for the future".

Phillippe Vareille, Technical Director, the Ritz, Paris



The Ritz Paris is a hotel in central Paris, in the 1st arrondissement. It overlooks the octagonal border of the Place Vendôme at number 15. The hotel is ranked among the most luxurious hotels in the world and is a member of "The Leading Hotels of the World".

The hotel, which today has 159 rooms, was founded by the Swiss hotelier, César Ritz, in collaboration with the chef Auguste Escoffier in 1898. The new hotel was constructed behind the façade of an 18th century town house, overlooking one of Paris's central squares. It was among the first hotels in Europe to provide a bathroom en suite, a telephone and electricity for each room. It quickly established a reputation for luxury, with clients including royalty, politicians, writers, film stars and singers. Several of its suites are named in honour of famous guests of the hotel, including Coco Chanel and Ernest Hemingway who lived at the hotel for years.

The grandest suite of the hotel, called the Imperial, has been listed by the French government as a national monument in its own right.

The Requirement

The Ritz Paris was undergoing a total refurbishment which required a network infrastructure which could support a whole host of guest services including wireless networking, telecoms, lighting and a state of the art CCTV system. The chosen solution also needed to offer substantial future proofing and have the backing of a reputable warranty.

Sourcing a Partner

The hotel was working closely with OGER International who were the consultants overseeing the entire system renovation project and also in conjunction with Bouygues Construction, the general contractor involved with this grand project. Bouygues Construction is a global player in its field and is active in 80 countries. Their team design, build and operate buildings and structures which improve the quality of the living and working environment of their users.

CCF Distribution, a specialist distributor of infrastructure solutions, amongst other things, has been in business for many years and has a very strong presence in the Paris region but also throughout France due to its 10 agencies. They were chosen for this prestigious project due to their ability to provide the right products and support required and expected by the customers

The Right Product

CCF is an Excel Distribution partner and has been working on major projects with the Excel product range for almost 10 years. They were more than happy that the Excel product portfolio could deliver what was required by The Hôtel Ritz. Excel is a world-class premium performing end-to-end infrastructure solution – designed, manufactured, supported and delivered – without compromise.

Excel structured cabling products constitute an end-to-end solution where performance and ease of installation are prerequisites. With an emphasis on compatibility and standards compliance 'from Cable to cabinet', reliability and product availability, Excel is the complete trusted solution.

When a system is installed by an Excel Cabling Partner a 25 year warranty can be awarded. The Excel warranty provides a 25 year product and applications assurance of compliance with industry

Performance standards appropriate to the class of cabling being installed. It covers copper, fibre, voice and even the Environ range of racks.

Design and Installation

The character and history of the building needed to be preserved but the infrastructure installed needed to support the very best of services that clients would expect from this type of establishment.

This needed to be taken into consideration when selecting the right Excel products to deliver the levels of service required by the hotel.

Excel Category 7_A S/FTP cables both single and dual versions formed the basis of the network infrastructure. These cables are designed and manufactured to meet and exceed ISO, CENELEC and TIA standards. This delivers Class FA link and channel performance supporting all applications detailed and proposed within the standards. The cables are also ETL verified.

A Category 7_A cable has increased performance levels, opposed to a category 6 or 6_A system, when operating devices via PoE (Power over Ethernet). This made the Excel cables a perfect choice for the hotel when taking into consideration the requirement for WiFi access throughout and the CCTV system to be implemented.

Excel OM3 50/125µm tight buffered optical fibre cables have been designed specifically for internal and external applications. These compact, lightweight cables are extremely flexible and are quick and easy to install.

Excel Category 6A low profile screened keystone jacks, were mounted into Excel keystone jack patch panel frames. The low profile jacks are a reduced size toolless termination RJ45 socket. The reduced size allows for multiple cable entry directions to be accommodated when this jack is mounted in a standard depth back box. This permits many mounting options including flush shutters at the outlet as well as more common angled shutter used with keystone jacks. The socket itself is housed in a high quality zinc die cast housing, which opens at the rear in a butterfly manner to reveal the IDC termination points.

Excel Environ ER Racks were chosen to house all of the equipment. Forty black 42U 800 x 800 racks were used, each with ventilated mesh front doors. The Excel ER rack has advanced vertical management which allows for the racks to operate extremely effectively as a solution when bayed together as they aid inter rack connectivity.

CCF held stock of the Excel products being used on this project and shipped products directly from their distribution centre based in Nanterre. The location of the distribution centre allowed for deliveries to be made as and when required without experiencing any hold ups or delays.

The Result

The Ritz Paris reopened on 6 June 2016 after a major four-year, multimillion-dollar renovation. A hospitality technology platform has also been implemented within the hotel which has enabled staff to gain access to the various services available via any device whatever their location. All of these additional services have contributed to the hotel being able to consistently deliver first class customer service, all supported via the Excel infrastructure solution installed.



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