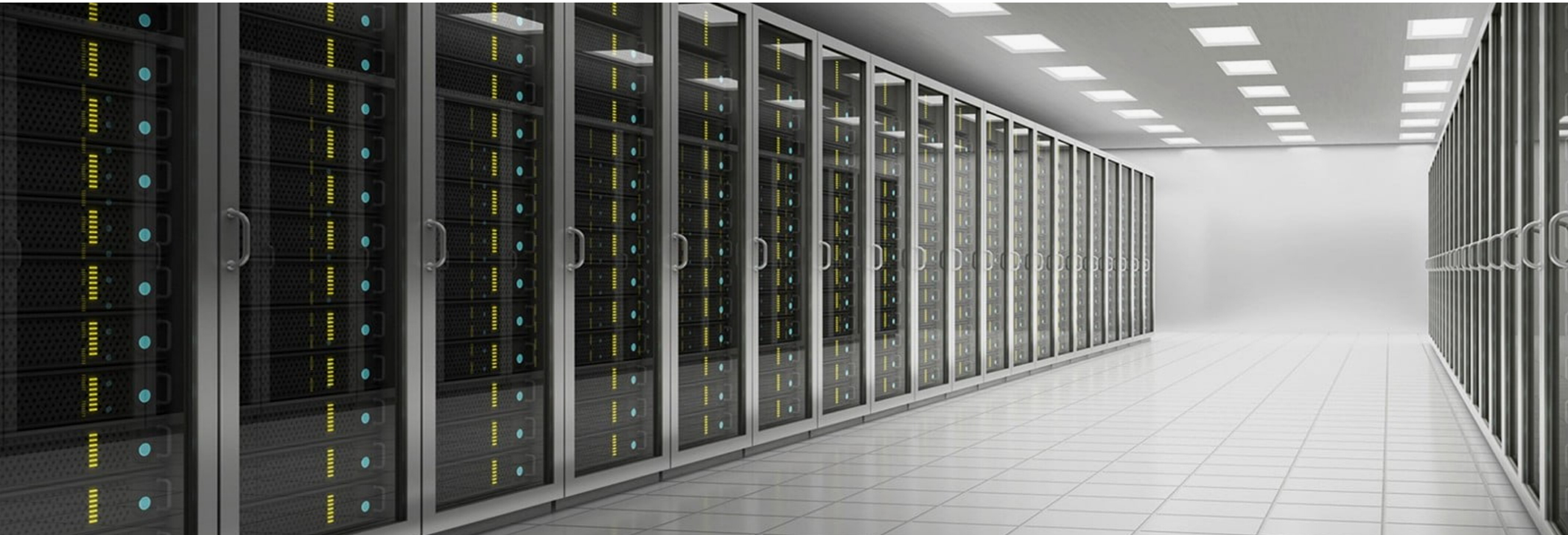
GRAZIADIO & C. S.P.A.

BUSBARS TRUNKING SYSTEM FOR DATA CENTER



WHO WE ARE

- Family company founded in 1959 by the families Graziadio & Rigazzi
- Export to more than 55 countries, 57% of sales comes from Export
- Sales volume: 12 mln Euro
- Complete range from 25 to 6300 A
- Products in compliance with CESI, IEN, KEMA, IMQ, LLOYD'S REGISTER, BUREAU VERITAS, RINA
- The first company of the sector owning the certification ISO9002 and from 2003 also with the certificate ISO9001
- Busbar trunking system 100% made in Italy

LA NOSTRA STORIA
OUR HISTORY

1959 Fondazione
Incorporation

1971 Nuovo stabilimento in Rivoli
New Factory in Rivoli

1999 Produzione GDA
GDA Production

2001 Produzione GLS
GLS Production

2005 Nuovo stabilimento in Carrù (CN)
New Factory in Carrù (CN)

2008 Export oltre il 50%
Export more than 50%

2016 Produzione K Series
K Series production

2017 Nuovo stabilimento in Russia
New factory in Russia

2019 Produzione J Series
J Series production

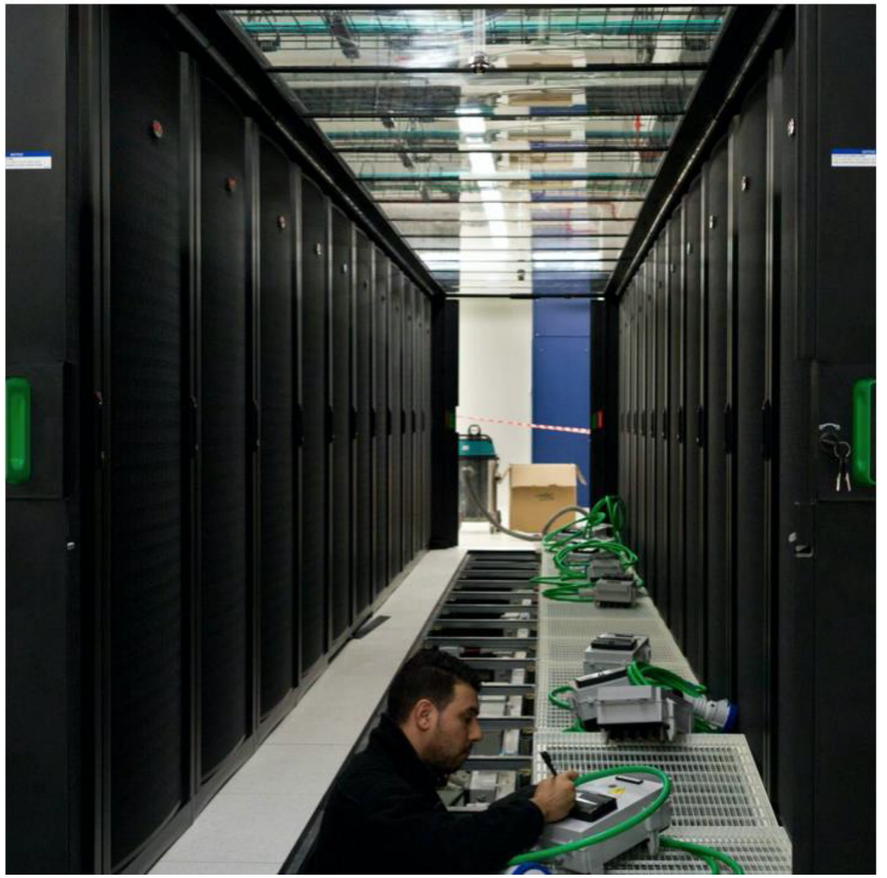
DATA CENTRE
DESIGN & PLANNING

According to the IDC, the average age of data centers is 9 years old.
However, according to Gartner, data center's become obsolete after 7 years! This means data centers have to be constantly upgraded with new equipment.

To facilitate the management of data centers we have to have two principles in mind from the very beginning of the design processes:
Modularity & Simplicity.

The only solution to keep up with the constant need of upgrading various components of data centers is to incorporate modularity in our designs as much as possible.

Simplicity is another Must in our designs since complexity often means more components and therefore more failure points.



GRAZIADIO & C. SOLUTIONS

Graziadio provides a simple, modular, plug & play solution for data center power distribution.

Power cords can be installed quickly with a wide variety of boxes, circuit breakers, drop plugs, and meters.

Our Busbar trunking system is designed to meet and exceed the rigorous reliability demands and thermal requirements of mission-critical facilities like data centers and server rooms.

The system can easily be installed from the ceiling, under a drop ceiling, or under a raised floor and it distributes power to all racks and servers with flexibility and
security.

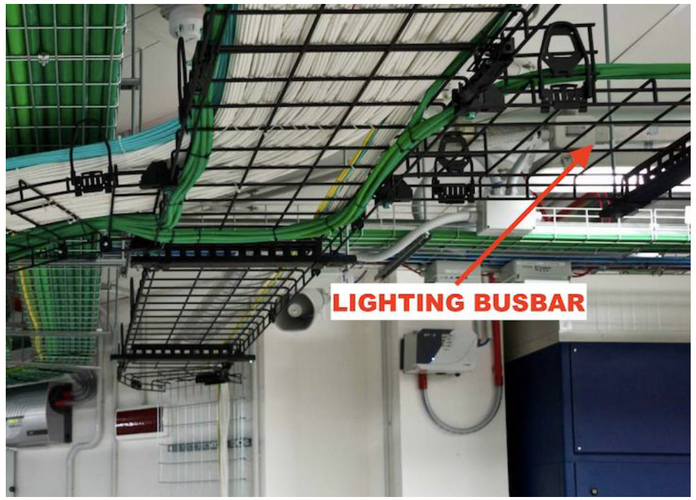
If redundancy is required, parallel bus ducts lines can be placed next to each other.

DATA CENTRE POWER BUSBAR

- K Series or Isolsbarra
- AL or Cu conductors
- AC or DC Voltage
- Mono-Block Joint (K Series) or 4 bolts joint (Isol)
- AL housing is available in any color
- IP40 to 68 protection
- Neutral can be 200% of phase
- Pe can be dedicated in AL or Cu

DATA CENTRE
PLUG IN BUSBAR

- K Series or GDA
- AL or Cu conductors
- Mono-Block Joint
- IP40 to 55 protection
- Neutral can be 200% of phase
- AL housing is available in any color
- Pe can be dedicated in AL or Cu
- Plug-in points in front and back up to 25 cm
- Tap off boxes in plastic and painted steel
- Tap off boxes with MCCB, meters, monitors plugs.
- Available also for lighting (GLS)



OUR REFERENCES

Rating	Type	Client	Location	Country
2500/4000 A AL	DATA CENTER	EDF PACY	FRANCE	FRANCE
160 A AL	DATA CENTER	THOR DATA CENTER	ICELAND	ICELAND
2000/2500 A AL	DATA CENTER	ISTITUTO NAZIONALE FISICA NUCLEARE	BARI	ITALY
32 A	DATA CENTER	ALSTOM GRID	SESTO SAN GIOVANNI (MI)	ITALY
2000/1600 A AL	DATA CENTER	ACEA	ROMA	ITALY
3200 A AL	DATA CENTER	UNIPOL BOLOGNA	BOLOGNA	ITALY
40 A 8 P	DATA CENTER	ENGINEERING	PONT SAINT MARTIN (AO)	ITALY
1250 A	DATA CENTER	TELECOM DATA CENTER	KENYA	KENYA
250 A CU	DATA CENTER	SDN DATA CENTRE SAINT PETERSBURG	RUSSIA	RUSSIAN FEDERATION
5000 A AL	DATA CENTER	HPC KAJAANI DATA CENTER	FINLAND	FINLAND
160 A AL	DATA CENTER	DATA CENTER VIRTAKISKOT	FINLAND	FINLAND
160 A AL	DATA CENTER	DATA CENTER VILNIUS	LITHUANIA	LITHUANIA
630/2000/2500 A	DATA CENTER	ISIS DATA CENTER STRASBOURG	FRANCE	FRANCE

- **Detailed list of applications On request**

Our advantages

HEAT DISSIPATION

Up to 43° C ambient temperature, with no derating: 4° to 5° C better than competitors.

WEIGHT

Aluminum is 30% lighter than steel. It allows us to produce straight elements of 4 meters instead of the 3 meters elements offered by most of our competitors.
4 meter straight elements mean fewer joints and faster installation.

CORROSION RESISTANCE

No problem of corrosion with aluminum. The life cycle of steel is shorter.

CONDUCTIVITY

Essential in ensuring electrical applications and safety in case of a short circuit.

Yes we busbar