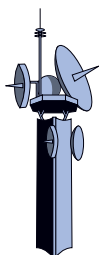


# GE

## Your favorite partner in Telecommunication



GE imagination at work



# GE in Telecom

GE Consumer and Industrial in the telecommunication market has the capacity to work with the general contractor, the engineering company, the system integrator or the panel builder to put together an integrated package. We propose global and innovative solutions for electrical distribution, industrial controls and automation systems.

GE Consumer & Industrial offers a wide range of Electrical Distribution & Lighting products aligned with the needs of the telecom market. Especially our Power Quality systems are dedicated to secure the needs for full uninterruptible power supply within telecom datacenters.

## SE Digital Power



SE Digital Power goes beyond comprehensive power solutions and is the first system of its kind in the industry. From calculation & design to a type tested system, completely built and certified in our Bielsko Biala plant and, once installed, combining comprehensive RM&D with individualised service – SE Digital Power reduces project cycle time, improves total system reliability and optimises life cycle cost.

SE Digital Power combines GE products from Power Protection, Power Quality, Multilin and Security. SE Digital Power features integrated, redundant UPS modules, short circuit withstands of 80 kA/1-sec, hot swappable components with highest operator safety, early smoke detection, outstanding power quality metering - the "bullet proof" power solution for Mission Critical Applications requiring a 7x24 operation.

Up to 4 x 120 KVA, is 480 KVA integrated,  
Up to 8 x 500 KVA, is 4.000 KVA stand alone

### RELIABLE POWER

#### Power Protection

- Transient surge suppression
- Circuit breakers
- Hospital isolation panels & localisation devices
- Safety switches

#### Power Distribution

- Switchboards
- MCC's
- Panelboards

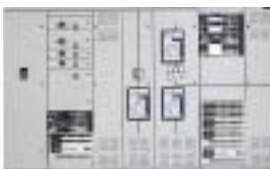
#### Power Quality

- Uninterruptible power supplier (UPS)
- Paralleling switchgear
- Automatic transfer switches
- Power quality meters

#### Controls & Automation

- Starters & Drives
- PLC's
- Protecting relays
- Operating devices
- Signalling units

Low voltage switchgear SEN Plus



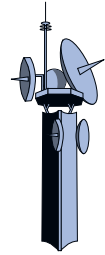
Air circuit breakers



Moulded case circuit breakers



# We cover all your needs, to address your most challenging projects in Telecom



## CUSTOMISED SERVICES

### Services

- After Sales
- Service level agreements
- Remote monitoring and diagnostics
- Energy audits
- Training
- Asset management software

### Financial services

## SECURED AND CONTROLLED INFRASTRUCTURE

### Security systems

- Electronic access
- CCTV, digital video, surveillance.
- Video multiplexing
- Digital storage
- Fire detection and prevention

## ENERGY EFFICIENT LIGHTING SYSTEMS

### Outdoor

- Roadway
- Decorative wall wash

### Indoor

- Energy-efficient lighting
- Specialty lighting
- Lamps and fixtures

## MODULAR SPACE

- Temporary or permanent buildings
- Telecom specific

Pedestals



UPS



Lighting systems



## A recent success

With their reliable Uninterruptible Power Supply systems, GE provides the facility to protect their customers and equipment from potentially disastrous situations. UPS units come in all sizes, offering power protection for all applications - from small personal computers to local area networks. Even major telecommunication sites and data centres are guarded with UPS. In today's digital age, a reliable power supply is imperative for the operation of any business.

Due to the increasing demand on performance and availability, Service is becoming more and more significant. The reliability and efficiency of an electrical infrastructure ultimately depends upon the maintenance programs chosen, as the best power protection system in the world is only as good as the attention spent to maintain the system over its lifecycle. GE offers customers not only the product, but a comprehensive service portfolio as well. This is reflected in numerous large projects where GE has shown its competence providing full service around the clock. For the 2006 Olympic Winter Games in Torino, GE was selected as the provider of UPS and related remote monitoring systems in critical areas to guarantee the operation and supervision via a remote monitoring system of 1,200 UPS units ranging from 1 to 250 kVA, which were installed at a large number of critical venues at the Olympic Games.



## References

<b>Allianse Provider SA</b>	Norway	UPS systems
<b>Belgacom</b>	Belgium	GSM network pedestals
<b>ITAR Tass</b>	Russia	UPS systems
<b>Ka Dis Tic</b>	Libanon	UPS systems
<b>KPN Telecom</b>	The Netherlands	LV equipment/GSM network pedestals
<b>Optimus</b>	Portugal	UPS systems
<b>Orange</b>	The Netherlands, Belgium	GSM network pedestals
<b>Polish Telecom</b>	Poland	UPS systems
<b>PTC ERA GSM</b>	Poland	UPS systems
<b>Retevision</b>	Spain	UPS Systems
<b>Telefonica Moviles</b>	Spain	UPS systems
<b>TMN Portugal Telecom</b>	Portugal	UPS systems
<b>T-Mobile</b>	The Netherlands	UPS systems/ GSM network pedestals
<b>Vodafone</b>	Spain	UPS systems
<b>Vodafone</b>	The Netherlands, Belgium	GSM network pedestals
<b>WEB.de</b>	Germany	UPS systems

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