



COLOCATION IN GERMANY

myLoc

a **WIIT** Company

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WHAT IS COLOCATION? YOUR NEW DATACENTER

Colocation means operating one's own IT hardware in the data centre of a third-party provider in order to save costs and achieve greater reliability. With colocation solutions, customers have to invest less in technical equipment and can better plan fixed and transparent costs for the ongoing operation of the IT infrastructure. With the right equipment, this data centre strategy can become a competitive advantage for you, because data centre provider like myLoc managed IT AG offer you significantly different options than internal hosting, at a low cost.

IT redundancy and IT security can be realised within a data centre designed purely for this business with significantly less effort for you as a customer, which in turn benefits your own customers.

The fear of failures is a central aspect of whether colocation makes sense for you or not. As a data centre operator, we must therefore prove to you that we have the technology and the competence to safely house your hardware. If you wish, we can introduce you to our reference customers or provide you with our ISO 27001 certification, which guarantees the highest standard of security for your data and equipment.

But the question "What if I need help?" also plays a central role. After all, we are not only there for you in an emergency situation, but of course also for support on daily operations. We offer core expertise in network issues, technical support and also take on software-related activities. If you do not have staff available for your IT infrastructure or simply want to save time, our on-site technicians will be happy to support you.

We offer you full flexibility and scalability for your colocation solutions. This means you can work out your plan for the future flawlessly and don't need to be afraid of incalculable costs. The more flexible we are, the lower the risk for you as a customer.



OUR DATACENTERS IN DÜSSELDORF & MUNICH

myLoc managed IT AG has been operating data centres at the Düsseldorf location since 1999 and develops innovative hosting solutions that can be optimised for you according to your wishes. The location has seven carrier-neutral data centres with an area of 2,500 m². In addition, there is surface area of 1,000 m², which can be expanded if required. In addition, myLoc is in possession of the world's largest Lampertz security cell, which provides the best possible protection against external influences for sensitive systems with critical data from major customers such as banks and insurance companies. Cluster and blade systems with high energy and cooling requirements can also be operated without any problems on the well-developed areas in our data centre in Düsseldorf.

Our data centre facilities are ISO 27001 certified. Our newest data centre is located in Düsseldorf Reisholz as well as Munich Haar, so that geo-redundancy, among other things such as BaFin-compliant scenarios are also possible without any problems within our locations. The myLoc data centre in Düsseldorf Reisholz is also protected by a Lampertz security cell.

The DUS1 data centre has its own block-type thermal power station for local power and air-conditioning supply and has additional safeguards against power failures with UPS power supply and emergency power systems (EPS). The myLoc data centres guarantee an annual average power availability of 99.95%. Due

to the fact that four data centres are located in one location in Düsseldorf, myLoc managed IT AG is able to offer highly professional colocation products in Germany as well as individual IT infrastructures distributed across different data centres (2-site strategy or geo-redundancy scenarios).

Connections between the data centres can be easily and quickly switched via the existing dark fibre pre-cabling. In addition, redundancy concepts can be realised cost-effectively by housing them in completely separate data centres without having to use completely different locations and carrier connections. All data centres operate autonomously from each other to guarantee your security.

A technician wearing a blue shirt, glasses, and yellow headphones is working on a laptop. The laptop is placed on a blue metal cart. In the background, there are rows of server racks in a data center. The lighting is blue and professional.

ADVANTAGES OF YOUR NEW DATA CENTER

1. DATACENTER IN GERMANY:

With your new data centre locations in Düsseldorf and Munich, you decide where your company data is stored safely. With our ISO 27001 certified information security management system, we guarantee the highest possible security standards for all colocation processes.

2. TECHNICIANS ON SITE:

myLoc managed IT AG employs only trained and qualified employees to manage and administer their datacenters. Should you not have enough time to come by, you can also directly and personally request a service technician.

3. FLEXIBLE COLOCATION-ENVIRONMENTS:

With myLoc managed IT AG as a business partner you have the possibility to achieve your desired colocation solution or datacenter infrastructure. While doing so you can choose between a simple colocation, 2-site-strategy or a geological redundant colocation-solution.



OUR COLOCATION SERVICES FIND THE RIGHT RACK PRODUCT

myLoc managed IT AG offers racks for rent in its own data centres. All racks are located in one of the 7 data centres in Düsseldorf or in our data centre in Munich. The rack products from the colocation segment offers space from 5 units up to 46 units. Find the right rack product for your IT infrastructure in one of our Tier III+ standard data centres. The data centres located in North Rhine-Westphalia offer space for over 75,000 servers and have redundant external connections to all major carrier companies.

Flexible colocation-solutions offered by myLoc managed IT AG enables you to host your IT-infrastructure in a highly secure, modern and accessible Tier III+ standard datacenter with redundant uninterruptible power supply UPS generators & cooling systems. Controlled access areas for our datacenters equipped with electronically coded keys, safety locks, camera surveillance, 24/7 on-site support, as well as monitoring around the grounds with assigned security services, are available to your new infrastructure. Due to our large variety in carriers and availability make it is easy to connect every IT-infrastructure, located within

the myLoc managed IT AG datacenters, to the internet and allow for direct connections between different located datacenters via Ethernet-services or fiber optic cable. The choice of preferred carriers is according to your requirements. Customers from various industry are using our datacenter services for many years. Due to the knowledge we have accumulated over the years our experience in different areas of operations, technology, buildings, support and security „retailing, technical branches, building branches, support and security laying a solid foundation for trust and privacy for our customers.

SINGLE RACKS

myLoc managed IT AG offers single racks starting with size 1/8 up to a whole rack for rent. Different racks can simply be interconnected in the datacenters without effort. Per Cross-Connect and darkfibre cables we can guarantee you good performances regarding connection and data flow-rate.

From the smallest 1/8 rack to a whole cage we offer the following perks regardless:

- ▶ **Rack width from 600mm & depth 1000mm**
- ▶ **Power redundancy**
- ▶ **Power costs included**
- ▶ **Network port from 1 Gbit up to 100 Gbit**
- ▶ **1,000 MBit Traffic Flatrate**
- ▶ **1 Gbit to 100 Gbit connection possible**
- ▶ **Connection to 2,200 GBit backbone**
- ▶ **IP addresses - IPv4 / IPv6 included**
- ▶ **99.9% guaranteed network availability**
- ▶ **24/7 access possibility with own access key & fingerprint (two factor authorization)**
- ▶ **24/7 video surveillance and security service**
- ▶ **Redundant full air conditioning**

19" Rack Segment



1/8 Rack

OUR SMALLEST:

The 1/8 racks are designed for start-ups and small businesses and are ideal as a separate back-up location.



OUR MODULES INSIDE THE LAMPERTZ-SECURITY-CELL

Digital Advertiser, Insurance companies and computer retailers for example have something in common, Large IT-infrastructures with a high requirements for security and data protection as well as the demand for efficient space utilization, which results in high packing density. Specifically addressed to these requirements, we have designed our rack modules with the principle of Cold-Warm Aisle principle. The rack modules offer the highest security standard, inside the world's largest Lampertz-Security-Cell, according to LSR18.6-design and also standardized for 6 racks.

Upon request, we can supply individual modules for 10, 20 or more racks to be made available for you. Among other things you have the option to choose which carrier on our 2770 Gbit backbone you want to use and also what type of connection you want, either copper or fiber optic.

Every module is provided with its own zoned-caged area which is secured with a access-control-system and can only be entered with a security card. Thus, offering very high standards of safety for your sensitive data. Thanks to our Lampertz-Security-Cell we can offer you the highest possible security standard for your hardware components and data storage.

RACK MODUL

AMOUNT OF RACKS:

Offers space for up to 6 racks, but also individual modules for 10, 20 or more racks are made possible.

MORE FEATURES:

€ 0.00 - wattage usage included.
Optional 1,000 MBit flat-rate or 20 TB with 10 GBit included.

Space for 6 racks

ACCESS OPTION:

24/7 with own Access-Key





Rack
Cage

RACK CAGE BASIC

NUMBER OF RACKS:

Provides space for 6, 10, 20 or more racks in a fenced area.

TRAFFIC CHARGING:

Option between charging according to 95/5, burst or per TB

CONNECTION POWER:

12 x 16, 32 or 64 amps per rack (current redundancy)

NETWORK PORT:

1G, 10G or up to 100g port

RACK CAGE FLAT

NUMBER OF RACKS:

Provides space for 6, 10, 20 or more racks in a fenced area.

TRAFFIC CHARGING:

1G, 10G or 100G flatrate

CONNECTION POWER:

12 x 16, 32 or 64 amps per rack (current redundancy)

NETWORK PORT:

1G, 10G or up to 100g port



OUR CAGES HIGHEST DEMAND FOR SAFETY AND DATA PROTECTION

In the midst of designing our Rack Cages we have placed the highest demands on security and data protection. Our customers from different industrial branches such as banks, tax audits and administrative/government agencies, really appreciate the double entry security access measurements as well as the possibility to install surveillance solutions on their own behalf. Not to underestimate the unpredictable costs which would result from building your own datacenter.

The cage offers the highest security measurements located inside the world's largest Lampertz-Security-Cell constructed with LSR18.6-design. The cages are designed as standard for 6 racks.

If requested we can also supply custom modules to fit 10, 20 or more racks. Among other things you are free to choose which carrier, from our 2770 Gbit backbone you want to be connected with, whether it is a copper or fiber optic cable connection.

Every module is provided with its own zoned-caged area which is secured with a access-control-system and can only be entered with a security card. Thus, offering very high standards of safety for your sensitive data.

Thanks to our Lampertz-Security-Cell we can offer you the highest possible security standard for your hardware components and data storage.



MULTI-SITE & GEOLOGICAL REDUNDANCY

RELIABILITY AND REDUNDANCY

You put a lot of emphasis on reliability and redundancy? We can offer you the optimal solution with our newest Multi-Site products. Our focus with this product lays in efficiency and safety in through mirroring and backups located in different segments of our datacenters. Distribution to up to eight self-sufficient data centers at different locations is possible.

All of our Rack products can be combined to form a Multisite-Rack solution as described in the following example:

You receive a 46 height units in its own lockable 19" rack inside our datacenter DUS1 located on the myLoc campus. We also provide 10 height units in another datacenter DUS3 also located on the myLoc campus. By use of an integrated 1,000 Mbit VLAN connection, we can easily connect both racks together.

Both datacenters can be accessed 24/7 with your own personal access-key, power supply and internet are all included in the price. Using our service you will not only create redundancy for your infrastructure but at an economical value too. In the example shown above you have the choice to either basic or flat variation.

Should you not be satisfied with our preset products, we can also tailor a custom solution to fit your requirements and that at a good price-performance ratio.

Compliant for the Federal Financial Supervisory Authority and Federal Office for Information Security - Geological Redundancy

Institutions that are relying on geological redundancy come from different branches for example financial institutes, research facilities, universities or even banks or insurance companies. These administrative branches do not only require high traffic capabilities but also failure safety for the sensitive data they are working with. Our customers can benefit from our geological redundant data-center because our pricing model is affordable and offers full reliability.

MULTI-LOCATION RACK

AMOUNT OF RACKS:

Starting with one Rack in DUS1 and one in DUS3

Can be purchased as basic or flat

TRAFFIC COST:

€ 0.09 per GB traffic

COSTS PER KWH:

€ 0.28 (plus EEG, power-heat coupling and electricity tax)

POWER CONNECTION:

12 x 16 Ampere
(redundant power supply)

NETWORK-PORT:

1 Gbit or 10 Gbit

All Rack sizes can be combined with each other. For example you can get a 1/2 Rack in DUS1 and mirror your infrastructure on a different 1/2 Rack in DUS5. Or you can order a 1/1 Rack and place the backup on a 1/8 Rack in a different location. All variants are possible. The myLoc managed IT AG provides a highly redundant infrastructure in which servers have minimal downtime.



GEOSITE-RACK

AMOUNT OF RACKS:

Starting with 1 Rack in DUS1 (North Dusseldorf) and one Rack in DUS5 (South Dusseldorf).

TRAFFIC-BILLING:

Either 1,000 MBit flat-rate or 20 TB with 10 GBit included

COSTS PER KWH:

€ 0.00
Wattage included

POWER CONNECTION:

12 x 16 Ampere
(redundant power supply)

NETZWERK-PORT:

1 Gbit or 10 Gbit

Your data can be fully saved in a second independent datacenter location and your data can be reproduced too. Geological redundant backups are the highest form of safety data storage available and is also compliant for the Federal Financial Supervisory Authority.



DATACENTER CARRIERS THE DATACENTER'S VERY OWN BACKBONE

All well-known and relevant carriers are represented in myLoc managed IT AG's datacenters. You have the choice to choose which network provider you want. You decide how you want to handle data traffic, based on your specific requirements. We can assist you in this, if needed.

myLoc managed IT AG operates its own IP-network embedded in multiple fiber optic connections which connect network nodes in Dusseldorf, Frankfurt and Amsterdam. With redundant routers and fiber optic cable connections, we create a highly accessible network channel to all major carriers and exchange points. Peering agreements with important ISPs provides our customers with fast connection.

State-of-the-Art hardware from HPE and Brocade ensures maximum data flow with low latency and no packet-loss. Our network is being monitored 24/7 by myLoc's Network Operation Center.

- Backbone design with redundancy with mind with 2770 Gigabits/s external connection
- Connected to all important carriers and exchange points
- 24/7 network monitoring with myLoc's own NOC





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trust for mutual success! »

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