

# **Premium-Provider of high-quality internet and data processing centre services**

## **Corporate Portrait**

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As an experienced data processing centre operator and internet provider, our state-of-the-art solutions and hardware fulfil all the requirements of the market. Based in Zizers, we operate one of Graubünden's most up-to-the-minute data processing centres. Thanks to highly efficient and energy-saving Intel servers, we are making major reductions to our energy consumption and have a good record when it comes to our carbon emissions.

Our services cover all internet access requirements including dial-up, ADSL, VDSL, SDSL, leased line and fibre optic, plus access via wireless networks (AirDSL). Our portfolio additionally includes hosting services encompassing websites, virtual servers, e-mail, hosted exchange and data processing centre solutions (ASP). You can also host specific programs and data of yours on our data network and servers.

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### Experience

We have been offering internet services since 1996. Our experience goes back to the dawn of the internet.

As a result, our knowledge of internet and data processing centre services is second to none.

As network integrators and internet service providers, we have been providing security solutions to the professional market since 1996. Due to our longstanding experience in the networking and security arena, we maintain the highest standards when it comes to safeguarding our data processing centre and your data.

We have always worked with the Windows platform. Thanks to our experience in this field, we can offer pioneering technology such as ASP, ASP DotNet, SharePoint, Silverlight and MS SQL servers, as well as hosted exchange services.

### Challenge

Technical advances take place at break-neck speed. This means that IT systems, servers and software constantly need adapting, expanding and upgrading. Since our IT systems are both state-of-the-art and cutting edge, it is an immense challenge to keep the hardware, software and infrastructure in harmony.

#### Security

Our multi-level pro-active firewall systems and multi-level software solutions provide optimal security and protection. This is of particular benefit for APP hosting and clients accessing our data processing centre.

**Corporate Portrait**



**AirDSL**

AirDSL is a speciality service in the realm of internet provision based on 5 GHz and 2.4 GHz WLAN wireless technology. It allows internet to be deployed in locations where DSL or cable broadband cannot be provided for technical reasons.

We are able to equip places with broadband internet that until now have relied on analogue or ISDN dial-up connections, but which no longer meet customer requirements. AirDSL has come about thanks to the efforts of Rafael Emmenegger and his colleagues to establish wireless connections and nodes in their free time.

We also provide installations such as this for companies in locations where DSL or cable broadband is not available. In these cases we install the technical equipment. The supply subscription at the second location can be provided either by us or by the contractor via the local DSL or cable internet provider.

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### Infrastructure

All WEB, application, print, monitoring and terminal servers are virtualised with HyperView and distributed across 10 Intel modular server modules. In the event of a hardware outage, two reserve server modules in both racks remain available. Thanks to hardware interfacing, both SQL, exchange and communications servers are physically implemented on 2HE Intel servers. In addition, both file servers are physically implemented on 5HE Intel servers. Storage for the modular servers is provided by Intel storage systems.

All server and network components are linked using 1 GB and 10 GB fibre optic cables. The powerful firewall hardware is executed redundantly. Secure remote access is provided by SSL/VPN.

Cooling and ventilation are also configured redundantly. A number of emergency power supplies can provide backup for more than 30 minutes of power outage. Every rack has its own emergency power supply. Emergency generators come on line after 20 minutes. The room and the racks are individually monitored for air temperature and humidity. Access is electronically controlled. In the event of a fire, the server room is flooded with carbon dioxide (CO<sub>2</sub>).

Data storage is in the form of tapes and storage systems. We offer instant access to data up to four weeks old.

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