High Availability (HA)

IGEL
TECHNOLOGY®

HIGH Availability UMS

HIGHLY AVAILABLE THIN AND ZERO CLIENT MANAGEMENT WITH LOAD BALANCING

IGEL thin and zero clients are secure and reliable – even without a connection to the remote management software. With the Universal Management Suite (UMS), up to 500 end devices can be reconfigured as standard – simultaneously and automatically. In certain cases, however, extra scalability, redundancy or availability is required.

PROFILE

High Availability (HA) is an **optional extension for the IGEL Universal Management Suite (UMS)** and enables the UMS to offer any degree of scalability, availability and redundancy. With HA, even **large-scale thin and zero client environments** (500 or more end devices) can be **reconfigured simultaneously**. The HA extension is compatible with all IGEL Universal Desktop thin clients and IGEL zero clients – including PCs and thin clients which were standardized with the help of the IGEL Universal Desktop Converter (UDC) migration software.

TYPICAL USAGE SCENARIOS

- ▶ **Enterprise:** Management of large-scale thin client environments with 500+ thin and zero clients
- ▶ **Compliance:** Redundancy of IT systems and data (e.g. Basel II / III or HIPAA)
- ▶ **Up-to-date settings:** Highly available distribution of new device configurations
- ▶ **IGEL Shared WorkPlace:** user-dependent (simultaneous) device configuration

FEATURES

- ▶ **UMS Server:** 2+ instances can be used (redundancy or scaling)
- ▶ **UMS Load Balancer** (can also be used as a redundant system)
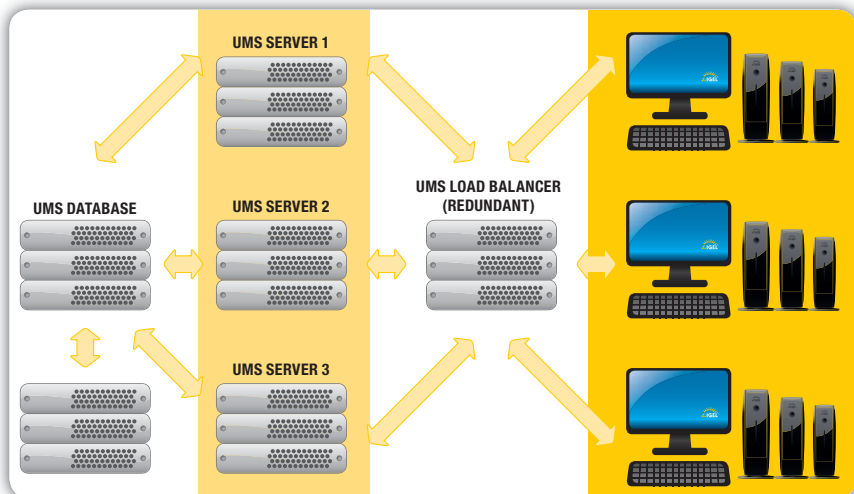- ▶ **UMS Database:** High availability through mirroring

BENEFITS

- ▶ **Load distribution:** The HA extension ensures that all planned configuration changes are distributed in a timely manner to all intended clients, regardless of the number of simultaneous booting processes.
- ▶ **Legal security:** HA ensures compliance with the latest international standards and regulations such as Basel II / III or HIPAA.
- ▶ **Individual profiles:** When the **Shared WorkPlace feature** is activated, IGEL thin clients can be configured individually depending on the particular user by means of a personal settings profile. The HA extension ensures that all users can work with their individual settings at all times.

LICENSING

- ▶ Optional extension for the IGEL Universal Management Suite (UMS)
- ▶ Each license package covers 50 managed thin or zero clients

TECHNICAL REQUIREMENTS

- ▶ UMS 4 version 4.03.200 or higher (Windows Installer only)
- ▶ The system requirements for the respective UMS version used apply
- ▶ Supported database backends:
  – Oracle DB (11g or higher) cluster
  – Microsoft SQL Server (2008 or higher) cluster

IGEL Universal Management Suite with High Availability Extension

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thin clients | development | services | solutions

Many functions. One device.