



## UNIQUE Business for SaaS

**The solution for your business with more control and security when accessing your Cloud network.**

UNIQUE Business for SaaS enables secure access control of all remote desktop structures and web services in the Cloud network.

UNIQUE Business for SaaS creates new possibilities in the management of existing users and their access permissions in your Cloud network.

UNIQUE Business for SaaS offers the possibility, to make common enterprise client server applications Cloud-enabled.

**Easy access via a browser ■ Access permissions simple and efficient ■ Manage cost control and licensing overview ■ Proven solution for the efficient provision of individual applications and full desktops**

### Functionalities

- Simple, secure, public access to RDS (Remote Desktop Services)<sup>1</sup>
- Efficient, cost management licenses
- Create user pools for optimum utilization of existing licenses
- 3-factor authentication (user, password, token)
- Centralized management via web and web services
- Illustration of High Availability (HA) solutions<sup>2</sup>
- Fully fledged HTML5 client with self-service function
- Remote App, Remote Desktop, App Launcher<sup>3</sup>
- 1-Click-PC-Client
- Script Support for RDS<sup>1</sup>
- Existing SDK<sup>4</sup> and API<sup>5</sup> (for connection to marketplaces for automated user creation)
- SSO<sup>6</sup> for integration of external websites and services without additional authentication effort
- SSL / VPN (IPsec, certificate)
- Reporting functions offer a clear overview of all accesses to applications (support in MS SPLA Reporting)
- White Label

*Details and explanations, see page 11*

# UNIQUE Business for SaaS

## Target groups

- Hosters and service providers who offer private Cloud environments to their customers
- Web marketplace vendors who want to add standard client-server software to their product portfolio
- Branch offices, sales representatives, home workers can be included in terminal server environments
- All customers who think that other common solutions are too expensive (our product costs only € 2,50 per user per month)

## Fields of application

- SaaS Access Platform
- Support in Microsoft SPLA License Reporting



## Seamless user access

The program is very easy for the end user. All necessary information for the program is contained in a 512 kb file, which does not require installation, and the program can be used on a PC, notebook or tablet. All information is seamlessly transferred from the UNIQUE Business for SaaS server to the user, who is now connected to the Cloud.

**Simplified user access in a single step:  
UNIQUE Business for SaaS offers a fast, secure way to the Cloud network!**

Access is made available to data and applications via a secure connection, using HTTPS through a firewall to Terminal Server Gateway on Remote Desktop Service.

UNIQUE Business for SaaS provides users with three options: remote access as a full desktop, as application mode as well as a web desktop version on UNIQUE Web Access.

In application mode, programs are integrated by a server directly to your local computer. As with the full desktop mode, no performance losses occur here and access is without restriction for the user. It is in this case, no adjustment the applications for the App Mode is necessary.

## UNIQUE Business for SaaS



### Comprehensive security for Cloud Networks

When accessing the network remotely, you need to minimize the risk of securing corporate data. It is therefore absolutely necessary to use a professionally developed and secure platform that functions as the database access control, access control, scalability, etc.

With UNIQUE Business for SaaS, all traffic is protected with SSL encryption technology without requiring a VPN, a technology with high installation and administration expenses, as well as performance loss.

Using Active Directory gives an additional layer of safety by keeping the data under internal control.

**UNIQUE Business for SaaS will make safety an integral part of every Cloud network!**

UNIQUE Business for SaaS meets the necessary requirements for security, documentation and quality fulfilled, any security gaps are closed and the protection of sensitive corporate data guaranteed.

# UNIQUE Business for SaaS



## The Administration Portal

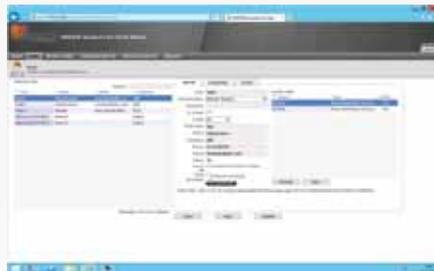
# Simple and efficient management

With UNIQUE Business for SaaS management of users, queries, software and licensing is easy.

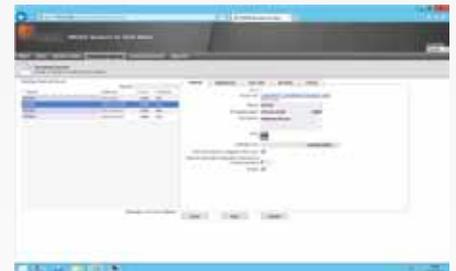
The administration portal allows extensive control of account management, subscription management, service catalogue, as well as identity management.

The product also supports Microsoft SPLA Reporting – important for hosters and service providers, who want to use UNIQUE Business for SaaS to enable customers to access their infrastructure remotely.

The administration of UNIQUE Business for SaaS is through a web interface.



*In "User", you can edit your user profile, then set rights under "Access Rules", for access to servers. Of course there are other settings to scale your user access.*



*Under the tab "Terminal Server", you can specify which programs are on which servers. It is also possible here to enter a custom pool for a standardized application. This allows huge cost savings through optimal utilization of existing licenses.*

New feature saves licensing costs: with the application of user pools existing licenses can be optimally utilized.

# UNIQUE Business for SaaS



## Reporting capabilities

UNIQUE Business for SaaS makes Microsoft SPLA reporting easy.



With a single click, the report function offers a clear and detailed summary of license usage, which makes SPLA reporting easy.

## Creating users with Configuration Wizard

The creation of users in Cloud networks has never been so easy as with UNIQUE Business for SaaS, use the Configuration Wizard to get to your destination quickly.

The Configuration Wizard greatly simplifies work: creating a new user is as simple as filling in a form, and selection of Terminal Server and Gateway are possible from drop down lists. Access rules can be automatically created as well.

# UNIQUE Business for SaaS



## Architecture

### Accessing programs remotely via UNIQUE Business for SaaS

Based on Microsoft RDP 8.0, Microsoft Terminal Server Gateway and the SQL technologies, our platform offers the ability to Cloud enable even custom applications, without the need for any additional user interface.

The solution can be used on server farms as well as stand-alone servers. Load balancing guarantees higher speed. Through its central user administration and management function, you can enable auto-generated evaluations and timed access

The admin has the ability to create real and virtual users. Real users are customers of your SaaS program. Virtual users can be used for short-term or demo purposes. As a special option, you always have the ability to support users remotely, with a takeover of the session by the administrator.

The fast and safe traffic runs on port 443, so no modifications to the firewalls are needed, locally or remotely. Local resources (printer or storage) can be integrated into the system.

# UNIQUE Business for SaaS



## Technical details

### Server 1 (SaaS Access Server and Remote Desktop Gateway):

- Win Server 2008 / 2008 R2 / 2012 / 2012 R2
- Microsoft .NET Framework 2.0
- Internet Information Server (IIS)
- SSL certificate
- SQL Server 2008 / 2012 Express

### Server 2 (Terminal Server/Remote Desktop Services):

- Win Server 2003 / 2008 / 2008 R2 / 2012 / 2012 R2 – with adequate licensing

### PC Client

- Win XP SP3 or higher, Microsoft .NET Framework 2.0, RDP 6.1

### Web Client

- Google Chrome 17.0, Mozilla Firefox 4.0, MS Internet Explorer 9.0, Apple Safari 5.0 or higher and all HTML5-capable browsers

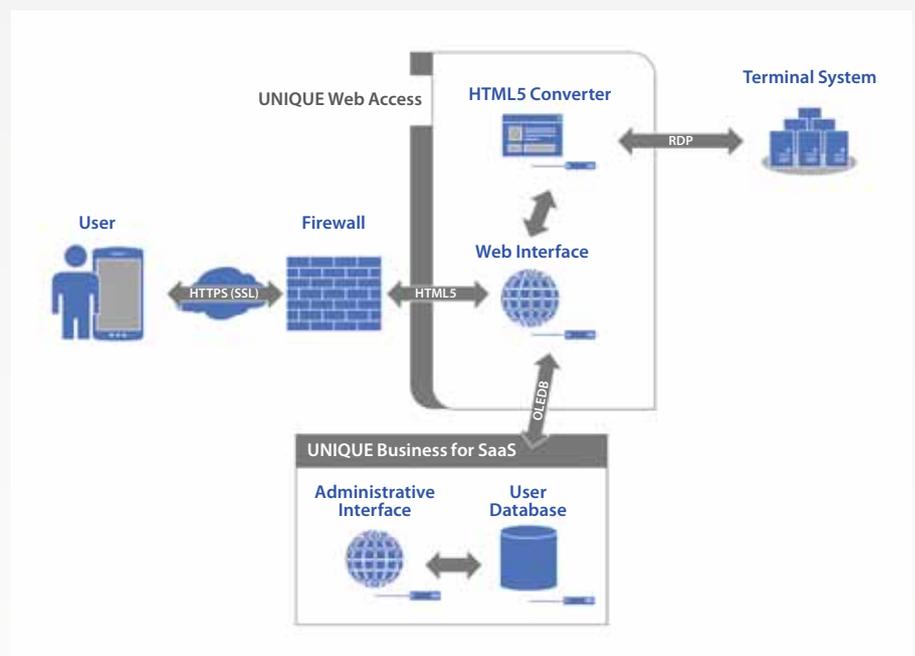
*On the client's side all that is needed is an operating system (Win XP SP3 or higher) and your software has to be able to operate on a Terminal Server.*

# UNIQUE Business for SaaS



## SaaS business communication

UNIQUE Business for SaaS provides an access technology so a user connects directly to an encrypted HTTPS enabled Terminal Server-based data center. Software applications not previously Cloud-enabled are now accessible on Terminal Servers. The client can now use UNIQUE Business for SaaS anywhere in the world that is connected to the Internet.



Low installation costs: UNIQUE Business for SaaS can be installed on standard business IT infrastructure in under 15 minutes.

# UNIQUE Business for SaaS



## Online access with UNIQUE Web Access

### Without client: Remote Desktop goes Web

UNIQUE Business for SaaS is equipped with UNIQUE Web Access. This feature provides the User access via Web browser (all HTML 5.0 browsers such as Google Chrome, Mozilla Firefox, Opera, Safari and Internet Explorer can be used). UNIQUE Web Access makes a user friendly designed web interface for greater comfort and clarity.

The user experience is straightforward and the connection will be very fast.

For secure and effective access UNIQUE Web Access uses SSL (Secure Socket Layer) and SSO (Single Sign-on) authentication.

#### Easy access via a browser:

**Web access from UNIQUE Business for SaaS provides the end user with the ability to connect over a HTML5-enabled Internet browser without any additional add-ins on his access desktop. From here, the user can now work without further aids in the Cloud network.**

The user can work on any device; in the web browser a full-size desktop is provided with the same characteristics of a local desktop (plug-ins such as Flash, ActiveX or Java are not required here).

# UNIQUE Business for SaaS



## Cloud-enabling

# The “SaaSification” of non-Cloud-capable software

With UNIQUE Business for SaaS applications can now be made accessible which previously were only available as regular client software. Local software can be offered over the internet without a VPN, the conventional solution to the problem. The disadvantages of VPN are eliminated with UNIQUE Business for SaaS; high installation and administration expenses are eliminated, as well as the performance loss of up to 50%.

## Details and Notes

- 1 = Remote Desktop Services: The Remote Desktop Services (RDS) are part of Microsoft Windows Server 2008 R2. The Remote Desktop Services encompasses all the features of the former Terminal Services (TS) and now includes new functions. Thus, both Remote App (individual applications) and Remote Desktops (session-based or virtualized desktops) can be provided on a common platform at a low cost.
- 2 = High availability (HA) refers to the ability of a system, in spite of failure of one of its components with a high probability (often 99.99 % or better) to continue operation.
- 3 = Selection menu from which the user can start his disposal programs.
- 4 = A software development kit (SDK) is a collection of tools and applications for software preparation.
- 5 = Application programming interface (API) is a part of a program, which is provided from a software system to other programs for connection to the system.
- 6 = Single Sign-on (SSO) means that a user after a one-time authentication at a workplace has access at the same workplace to all hosts and services, for which the user is locally authorized, without having to log in each time again.

## About PCS AG

PCS AG is a German software developer. (Location: Solingen, North Rhine-Westphalia). first Microsoft Gold Certified Partner worldwide (eCommerce) and 2001 winner of the Microsoft Award for CRM solutions. Current Microsoft Gold Partner in "Application Development".

Our core competencies are the development of customized software solutions, Cloud Computing and SaaS, IT consulting in ITIL and process management and IT security.

PCS AG successfully offers business solutions for years in Cloud Computing environments and, with innovative Cloud products and projects has acquired numerous nominations and awards.

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