

SIMtone VSP



Transform your Desktop and Application Infrastructure into a CLOUD Service, on the fly.

SIMtone Virtual Service Platform

Data Center Product line

Inside:

SIMtone VSP-BE
Business Edition

SIMtone VSP-EE
Enterprise Edition

SIMtone VSP-SPE
Service Provider Edition

Virtualization made SIMple!

The **SIMtone VSP** allows service providers, enterprise organizations and small- and medium-sized businesses to easily transform existing application and desktop infrastructures into "cloud computing-enabled" infrastructures, highly manageable and securely accessible on demand and on the fly from any LAN, WAN or internet access points.

The SIMtone VSP enables multiple and diverse Operating Systems and applications hosted in Virtual environments, Terminal Servers, Blade PCs as well on

existing distributed desktop PCs, to be aggregated, managed, migrated and provisioned as end-users Cloud services very simply.

The SIMtone VSP provides a simple, inexpensive and flexible path towards virtualization, offering Enterprises and small/medium businesses a smooth, continuous and failback-safe migration from distributed to virtual desktop environments, flexibly and securely manageable in stealth, non-addressable Ip environments, in house or in external hosting facilities.



SIMtone based desktop and application services provide a powerful, cost-effective and secure alternative to solutions such as Citrix, enabling businesses to consolidate, virtualize and Cloud-enable their desktop and application infrastructures inexpensively, delivering users with full and secure access to their computing environment on demand from any LAN or internet access point, without requiring a computer.

"Cloud Computing" - *computing without a computer* - lies in the near future for every computer user on the planet. And the surest route to this digital nirvana -- simpler, cheaper, faster and more secure than any other solution -- is

Computing without your Computer, simply and safely, everywhere!



On any Device....



On Demand....



On the Fly!



SIMtone VSP product line



WHAT IS THE "SIMtone Universal Cloud Access Service"?

It is the stateless network signaling service provisioned by the SIMtone USP carrier platform that provides secure on-demand and on-the-fly access to any VSP Cloud service to end users anywhere they are, from any device.

It enables Network Operators to offer Enterprises, SMBs and Service Providers with ubiquitous access to all their own Cloud Computing Services from any broadband POP, including standard internet ones, delivering unmatched performance, defense-grade security, very low cost and strong SLAs, without requiring them to manage a computer at the edge of the Cloud.

Network Operators deliver SIMtone Cloud Access Services with different levels of SLAs and OAM features, for Enterprise, Small/Medium Businesses and Service Providers. SIMtone Corporation offers the base SIMtone Cloud Access Service for free.



SIMtone VSP products are available in three versions: Business, Enterprise and Service Provider editions. All VSP service platforms allow the management, migration aggregation and service profiling, of existing physical and virtual desktop and application infrastructures into Cloud Services easily and securely accessible by end users from anywhere.

SIMtone VSP products include a GUI-based administration console to easily provision,

activate and manage virtual guest machines, terminal servers, blade PC and distributed PC-based desktops on-the-fly. This provides an extremely simple transition to virtual desktops environments, while leveraging existing investments in IT infrastructure to instantly Cloud-enable desktop services. VSP products support secure, stealth, private and multi-tenancy hosting, automated SIMtone USP access services registration and activation and XAS service management

features. SIMtone VSP products support any combination of VMware Server and ESX, Windows XP, Vista and Terminal Server hosts. VSP Enterprise offers multi-zone network security deployments. VSP Service Provider offers automated subscriber-based provisioning, user-activity driven, peak capacity based guest machine management, load balancing, and failure recovery, radically reducing virtual datacenters real-estate and power requirements.

SIMtone VSP Business Edition

SIMtone VSP Business edition is the simplest solution available to Cloud enable and virtualize desktops and applications for small and medium businesses.

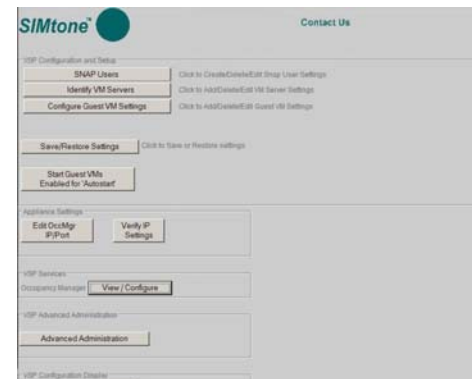
Downloadable, self-installable and configurable on commodity hardware, in less than an hour, it delivers the full end-user desktop experience, including native USB support and full frame-rate desktop media, as a Cloud Service usable on any SNAP terminal, anywhere.

SIMtone VSP Business supports VMware Virtual Server, ideal for installation in multi-tenancy hosting facilities, as well as Windows Terminal Servers, Blade PCs and Distributed PCs.

As all VSP Products, the Business Edition automatically registers with the customer choice of SIMtone Universal Cloud Access Service, and supports SIMtone all extended administration services offered by providers.

Downloadable Software

Package, includes Installation, Configuration and Operation Manuals.





SIMtone VSP Enterprise Edition

The SIMtone VSP Enterprise Edition is designed for large scale, multi-zoned, data-center deployments.

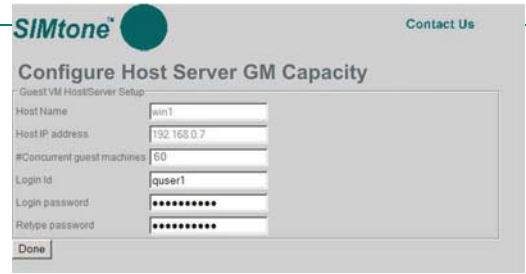
Featuring the same ease of installation and configuration of the Business Edition, it meets the stringent enterprise multi-tier security requirements.

VSP Enterprise allows to host and managed Virtual Desktop and Application infrastructures in multi-tiered network configuration, delivering full access to Cloud

desktop services seamlessly from inside and outside the firewalls.

The SIMtone VSP Enterprise Edition supports VMware ESX server, Windows Terminal Server, Blade PCs and Distributed PCs.

Downloadable Software Package, includes Installation, Configuration and Operation Manuals.



SIMtone VSP Service Provider Edition

The SIMtone VSP Service Provider Edition is solution for very large service deployments for Service Providers or Global Enterprises.

It features the same flexibility and secure deployment topology of the Enterprise edition, with built-in, "single-server" HA capabilities, guest machine load balancing, guest machine "rewind" fallback support, and many more Virtual DataCenter desktop and application service management features.

The Service Provider edition also offers the unique

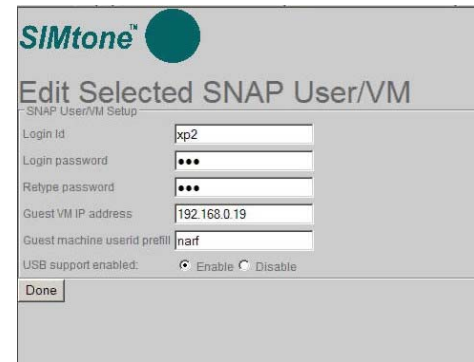
capability to over-provision Virtual Servers, based on concurrent capacity demand, and offers Automatic subscriber-based flow-through provisioning, bulk user and Guest Machine provisioning, in addition to user-activity driven, peak capacity based Guest Machine management, load balacing and failure recovery.

This unique feature "swaps in/out" user guest machines based on user activity policies set by the administrator, such as, for example, mouse inactivity for a period of time, without modifying its state, delivering a persistent user experience on demand,

while radically reducing virtual datacenters real-estate and power requirements.

Similarly, upon failure of a user guest machine, the Service Provider VSP can "rewind" Guest Machines to a prior state on the fly and immediately return service to the user without restarting or rebooting the hosted desktop environment.

DVD Software Package, includes Installation, Configuration and Operation Manuals.





WHAT IS XDP 2.0?

XDP is the multi-point signaling protocol used by the SIMtone Cloud Computing Platform to deliver Cloud Computing Services to End Users without requiring them to own, manage and configure a... computer!

XDP 2.0 is the latest revision of this powerful protocol that offers:

- *Mp3 audio performance*
- *Full frame rate Desktop Video*
- *Fast USB redirect performance*
- *Optimized bandwidth utilization*

In addition to standard XDP 1.0 features such as fast user response, security and rendering protocol independence.

SIMtone VSP Product Feature Chart

VSP Major Functions	VSP Business Edition	VSP Enterprise Edition	VSP Service Provider Edition
Cloud and Ser-based User Connection and Features Control	x	x	x
Password policy	x	x	x
Self-service password reset	x	x	x
SSO to Application Infrastructure or directly into application	x	x	x
Multifactor Logon authentication	x	x	x
Session governor	x	x	x
Universal SNAP/VSP Service provider Connection Policies	x	x	x
XDP 2.0 support, SIMtone Universal Cloud Access compliance	x	x	x
Multi-tier /Proxy configurations		x	x
VSP Administration	x	x	Multi-group roles
VSP GM/Service Provider Console	x	x	x
Performance/Capacity Optimization	Provisioning	Optimization	Overloading
Load throttling on server start or restart			x
Higher density GM per server optimization		x	x
Unique memory optimization and conservation technology		Logon/Logoff Basic	Dynamic Sophisticated options
Load balancing including pools and multiple farms			
VSP and GM Availability	Network failover	Network failover VSP/GM Recovery	Soft-failover
Green: migrate workload and shut down of GM server			x
Automated Desktop Imaging			x
Flow through consumer provisioning			x
Stateless Guest Machine Support			x
Reference Self-Provisioning Web Portal			x
Bulk User /Guest Machine Additions			x

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About SIMtone

The SIMtone Corporation makes Cloud Computing universally simple.

The company has developed and commercialized the patented SIMtone Universal Cloud Computing Platform that allows network operators and businesses to host, manage and quickly provision any Cloud-hosted services, and ubiquitously deliver them to zero-touch terminals that can

be standalone, low cost hardware appliances, or software terminals usable on browsers or on PCs, thin clients and mobile devices.

With the SIMtone, Cloud services such as virtual desktops, DaaS/SaaS, PC Remote Access or Web services, are simple and very inexpensive to host and manage for businesses and providers, and become

usable without a computer, on demand and on the fly, simply and safely, by everyone, everywhere.

SIMtone Corporation's North American headquarters are based in Durham, North Carolina and SIMtone International headquarters are based in Vevey, Switzerland.