# Create and Maintain Superior VDI Workspaces with IGEL and Login VSI

Solution Brief

# Table of Contents

# Introduction

IGEL and Login VSI are actively partnering to provide better VDI workspaces to enterprises all over the world. The Login PI continuity testing solution will be fully integrated into IGEL OS, IGEL's Embedded Linux operating system.

Up to this point Login PI had only been available on Windows Embedded devices. This new availability of Login PI on the IGEL OS makes it possible for all IGEL customers to collect objective end-user experience data 24/7 from any remote location, using any type of IGEL (based) device.

# Better Together

Both companies, Login VSI and IGEL bring their own specific strengths to the table:

## 1. IGEL is focused on securing and optimizing endpoints

IGEL offers a Linux-based next-gen edge operating system for cloud workspaces called IGEL OS. The Universal Management Suite (UMS) management platform is a purpose-built management solution to simplify complex enterprise environments.

The IGEL solutions enable an easy move from a PC based or other hard to manage (different devices) environment, to a controlled, secure and easy-to-manage centralized environment. The IGEL solutions make moving to, and managing of, VDI/SBC environments easy.

## 2. Login VSI is focused on optimizing end-user experience

Login VSI is the industry standard for VDI performance testing. Login VSI offers a suite of solutions for testing performance, scalability, availability and compatibility of desktops and applications running in centralized environments such as VD, SBC and Cloud.

# Project phase: the roll-out of VDI is only successful when the end-users are happy

## 1. IGEL makes moving to VDI easy

IGEL enables a fast and seamless transition from traditional PC-based computing to desktop virtualization. It only takes minutes to convert any compatible x86 device, with remote management as easy for 1,000 devices as for 10.

IGEL OS is hardware-agnostic and transfers nearly every PC, laptop, all-in-one client and thin client into a standardized IGEL-powered endpoint. Permanent conversion via the IGEL OS creator or non-permanent via the ultra-small USB-based UD Pocket device.

But an easy move is only a successful move when all works as well **after** the move as it did **before**. End-user experience (read availability and performance) is key for this success and must be the same or preferably better after the move. IGEL is very aware of this aspect.

Where IGEL makes moving to VDI fast and easy, Login VSI helps to make the move also successful from an end-user perspective. The different solutions of Login VSI both play a crucial role in a successful roll-out by helping to test and optimize density and performance:

## 2. Use Login PI to compare End-User Experience before and after the move

Login PI offers a very precise and objective way of measuring the base-line performance of the fat client/PC based solution before the move to centralization. The deep application testing feature allows for a very detailed measurement of each user task that is important. The exact same tests can be done in the new infrastructure, this to help make sure the new environment provides the same user experience, which is key for the end-user acceptance.

## 3. Use Login VSI to test the new environment, before going live with real users

The Login VSI Load Testing solution is created to stress test new centralized environments on performance and density, before going live full force with real users. Pre-production load testing is needed in every environment to guarantee the best possible business continuity.

# Production phase: to keep VDI environments healthy, change management is a must

## 1. IGEL makes managing endpoints easy

Purpose-built to simplify complex enterprise end user computing environments, the Universal Management Suite (UMS) supports diverse operating systems, databases and directories. This smart, simple and secure management software lets IT easily manage and control any remote endpoint, from just a few to tens of thousands from one single console.

VDI environments introduce a single point of failure. When the centralized environment fails, all users are affected. VDI environments are also complex, introducing many layers and interdependencies. The constant flow of updates in the related software layers (such as OS, application, AV, Citrix, Horizon, RDS) are the main risk to cause VDI failure. To make sure VDI environments can run uninterrupted a structured regime for change management is needed.

## 2. Use Login VSI to test all planned changes before going into production

Login VSI is the perfect solution to test planned changes before and after implementation, before real users come in. It is key to test these changes at full user load as not all potential problems will reveal themselves when tested with a small number of users or on a testbed. Login VSI makes it easy to perform these tests, closely simulating the real-user workforce.

IGEL endpoints can connect to all leading VDI and cloud solutions which makes changing your SBC or VDI environment easy. IGEL works with all leading virtualization solutions and protocols: Citrix, VMware Horizon, RDS and more. Login VSI is 100% vendor independent and offers the best solution to benchmark, or pre- and post-test, the various VDI solutions in an objective way.

## 3. Use Login PI to detect application performance issues before real users do

VDI environments can be negatively affected by automatic software updates (think of SaaS), human error or other unplanned changes. Login PI offers a pro-active continuity testing solution that checks your VDI environment and its applications 24/7. Login PI will detect and alert on issues with application availability or performance **before** your real users come in, allowing you to react immediately, avoiding business slowdown and reducing helpdesk calls.

# Summary

### Benefits of VDI

- Centralized endpoint management lowers cost (TCO) and enhances control and security

### Benefits of IGEL

- IGEL makes the roll-out and management of distributed endpoints, from 20 to 20,000 easy
- IGEL makes end user computing environments more secure, manageable and cost-effective

### Benefits of Login VSI

- Login VSI helps to build and protect a good user experience in VDI
- Login VSI helps to optimize the performance, availability and scalability of VDI

## About Login VSI

The company Login VSI provides end-user performance insights for virtualized desktop and server-based computing environments. Enterprise IT departments use flagship product **Login VSI (for load testing)** and new addition **Login PI (for continuity testing)** in all phases of their virtual desktop deployment—from planning to deployment to change management—to build and safeguard a good performance, a high availability, and (as a result) a good and consistent end-user experience. For more information about **Login VSI** or for a free test license **contact us**.

## About IGEL

IGEL is the world leader in next-gen edge operating systems for the secure delivery of cloud workspaces. The company's world-leading software products include the IGEL OS™, IGEL UD Pocket™ (UDP) and Universal Management Suite™ (UMS). These solutions comprise a more secure, manageable and cost-effective endpoint management and control platform across nearly any x86 device. Easily acquired via just two feature-rich software offerings, — Workspace Edition and Enterprise Management Pack — IGEL software presents outstanding value per Investment.

Additionally, IGEL's German engineered endpoint solutions deliver the industry's best warranty (5 years), support (3 years after end of life) and management functionality. IGEL enables enterprises to save vast amounts of money by extending the useful life of their existing endpoint devices while precisely controlling all devices running IGEL OS as well as Windows OS from a single dashboard interface. IGEL has offices worldwide and is represented by partners in over 50 countries. For more information on IGEL, visit **http://www.igel.com.**