



Liquidware Solution Summary

Diagnose VDI performance. Improve user experience.

What Is Liquidware?

Liquidware combines user-profile management, application delivery and digital employee experience (DEX) tools for physical, virtual and cloud desktops.

ProfileUnity manages user profiles, preserving application settings and personalization across supported Windows versions, desktop sessions and migrations.

Stratusphere UX helps diagnose virtual desktop infrastructure (VDI) issues with detailed measurements and historical context.

How It Identifies VDI Issues

Connector ID agents collect measurements from inside monitored desktops. Administrators correlate user, machine and process activity with CPU, memory, disk, network and application performance.

Login Breakdown helps isolate delays in policy processing, profiles, scripts and startup applications. Historical views let teams compare affected users with healthy peers and inspect when an issue occurred, narrowing the investigation to a process, resource constraint or session condition.

Verify the Remediation

Establish a baseline, test a targeted change, then compare logon times, application responsiveness and session experience before and after. Correlate findings with broker, hypervisor and storage tools where needed.

Cost Benefits

Use measured demand to right-size desktops and target upgrades. Detailed diagnostics can reduce troubleshooting time. ProfileUnity and FlexApp can reduce profile administration and base-image maintenance effort. Potential savings depend on licensing, deployment effort and the remediation selected.



Liquidware Portfolio

Stratusphere UX

Monitor user experience, compare historical trends and investigate users, machines and processes.

ProfileUnity

Manage user profiles, context-aware policies and application access across Windows workspaces.

FlexApp

Deliver applications independently of base images. FlexApp One adds self-contained packages for supported offline use.

CommandCTRL

Add live diagnostics, telemetry replay and browser-based remote support through a SaaS console.

VDI Capabilities

Custom dashboards compare machine groups. Amazon DCV monitoring and Blast loss metrics improve session visibility. CommandCTRL links connect trends with live support.

AI-Assisted Analysis

An optional browser extension summarizes selected Stratusphere metrics through a configured cloud or local AI service. IT validates the findings.

How Stratusphere UX Helps Diagnose VDI

Start with the user's symptom, narrow the affected group and time window, then compare the relevant measurements. The evidence guides investigation. Validate the cause before changing the environment.

User complaint	Evidence to inspect	What to investigate
Slow logons	Logon phases, policy and script duration, and process activity during logon.	Profile or policy processing, app-layer activation and startup-agent overhead.
Desktop freezes	CPU use and queue, per-process demand, memory use and hard page faults.	Workload contention, memory pressure or undersized virtual desktops.
Apps are slow or hang	App load times, nonresponding events, disk response/queues and process I/O.	Problem applications, competing background work or storage-related delays.
Remote session lags	Display-protocol latency and supported loss metrics, compared with guest resource health.	Connection quality, endpoint/display behavior and guest-side bottlenecks.

Metric availability depends on the operating system, display protocol and collection settings. Interpret queues, latency and resource use against the workload baseline, then corroborate the suspected cause.

Why Averages Are Not Enough

Averages can hide slow logons and brief performance spikes affecting individual users. Stratusphere UX helps pinpoint affected users, machines and processes so teams can target fixes and validate improvements.

52 sec

Average logon

361 sec

Maximum observed

Getting Started with Flywheel Data

Contact Flywheel Data to explore how Liquidware can support your desktop strategy. Our team can help evaluate capabilities, deployment options and integration with your environment.

About Flywheel Data

Flywheel Data provides solution design, system integration, software development and product resale for data-driven organizations.

Our experience with the U.S. Government and commercial organizations helps us align technology with mission and business needs.

Contact Flywheel Data to discuss Liquidware and plan a VDI performance assessment for your environment.



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