HCSS Delivers Flexible Cloud Access to Construction Industry Software Suite Powered by CloudJumper

CUSTOMER OVERVIEW
HCSS applications support thousands of construction industry professionals globally in streamlining their operations with cloud-based access to HeavyBid, HeavyJob, Dispatcher and Equipment 360 software. The company’s applications help construction companies better manage their projects from bid to completion. The exponential growth of HCSS over a short period of time moved the company to implement a cloud-based solution to not only provide fast, flexible user access to its software suite, but improve the ability to scale delivery and services to thousands of customers without the need for additional management resources.

BUSINESS CHALLENGE
HCSS sets the standard in construction software for the heavy, highway, and utility construction industries with thousands of customers using its solutions daily to submit bids for both small and large construction projects. As the company grew over the years it looked for more efficient software delivery models. Initially the company delivered its software directly to customer organizations. Then, to improve software availability and time to deployment, HCSS implemented an in-house cloud-enablement platform to deliver its software. In order to improve efficiencies even further while lowering management and cloud infrastructure costs, the organization made the decision to shift cloud infrastructure management to a trusted cloud service provider.

To take software delivery to the next level, HCSS investigated best-of-breed solution providers to serve as the foundation for its cloud enablement strategy. For HCSS, shifting the management of cloud infrastructure to a cloud solution provider with expertise in the category made the most sense, both operationally and financially. This brought the company to its current phase of software solution delivery, where local management of cloud infrastructure was overseen by CloudJumper, eliminating the need to invest in and manage its own cloud
infrastructure, including hardware, software, and services. HCSS chose CloudJumper Cloud Workspace® for its service-oriented infrastructure. The new solution provides a full-featured solution capable of scaling on demand to digitally transform workplace environments for customers.

**SOLUTION**
Through its partnership with CloudJumper, HCSS customers receive an integrated online experience for on-demand access to the full suite of HCSS applications from anywhere and any device. Outside of 24/7 access to the software, customers favor the excellent responsiveness of the applications, which has helped users improve productivity. In addition, HCSS has also benefitted from the solution with greatly reduced infrastructure costs and staff requirements to support application servers and related infrastructure. Applications are deployed in an enterprise-class environment that includes data protection and redundancy for production-proven availability and business continuity.

Adding to the list of advantages, CloudJumper assists HCSS with application management and entitlement, providing insights into where software is provisioned and scheduling updates in a timely manner. This helps to ensure customers gain access to the most current software version and are provided with the proper number of licenses. Use of the CloudJumper platform also helps HCSS to broaden its customer base, allowing easier management for larger customers due to solution efficiency, lowering the barriers of entry for organizations to deploy their own fully baked application hosting platform or helping smaller organizations to deploy HCSS applications in a hosted environment. The automation, ease of deployment, and scalability of Cloud Workspace across these areas has been crucial to the company’s success in helping it better support customers.

HCSS and its customer base have several deployment options with CloudJumper, including the ability to host the service environment on Cloud Workspace® for Azure, which seamlessly and automatically deploys IT application workloads and eliminates the need to host components outside of Azure’s Compute environment. To simplify system access, the solution can enable system users to pass their Office 365 credentials throughout the platform, using single sign-on to access all applications, including Office 365, based on administrator-defined policies. The advantages of application services in Azure include full management of every layer of the administrator’s technology stack, as well as server resources with dynamic resource
adjustments as requirements change. The solution also integrates billing into the administrator's interface to streamline client management.

Cloud Workspace on Azure also introduces the company's patented Wake On-Demand™ capability, which optimizes cloud infrastructure service utilization and costs when the platform is not in use. The ability to orchestrate HCSS applications on Microsoft Azure allows administrators to retain complete control, security and auditability for compliance purposes through an intuitive browser-based management system that reduces support costs, increases service quality and improves responsiveness.

RESULTS
“During our review of the Cloud Workspace® platform, it was clear from the start that CloudJumper offered a mature platform capable of meeting our requirements now and in the future,” said Ketul Parekh, Directory of Technology Services, HCSS. “The executives and support team at CloudJumper understand what we need to meet our goals and work closely with us to develop the right cloud solution for our software. Having standardized on the Cloud Workspace service and software suite, the technology has proven itself, allowing HCSS to streamline the customer experience now and in the future.”

“We have been growing tremendously and CloudJumper allows us to easily build upon our software delivery capabilities which is what is needed in a cloud enablement partner,” said Parekh. “CloudJumper provides us with a very strategic technology, ensuring the unrestricted success of our operations. The company is always there as a partner which has been an important part of their value.”

“CloudJumper has made the road to the cloud a simple and cost-effective process for HCSS with a highly scalable platform to bring their software to customers globally,” said JD Helms, president, CloudJumper. “As illustrated by this Cloud Workspace use case, our high level of workflow automation mitigates the complexity and high costs of cloud-optimizing entire catalogs of software in a secure, highly reliable platform.”

About CloudJumper
CloudJumper is a digital workplace transformation company in the Cloud Workspace, Microsoft Windows Virtual Desktop (WVD), VDI and RDS enablement markets. CloudJumper Partners
can deploy their own platform using CloudJumper’s Cloud Workspace for Azure (CWA) software and the award-winning Cloud Workspace® Management Suite (CWMS) software. CWMS automates delivery of hosted Windows desktops, application services, and Microsoft workloads. It allows IT service managers to deliver app streaming, VDI, DaaS and WaaS with minimal labor, lower costs, and faster delivery times. CloudJumper has been working with the Microsoft RDmi group for 18 months and was named as a leading partner for Microsoft's upcoming MS WVD solution along with fellow strategic partners ThinPrint and FSLogix.

About HCSS
Since 1986, HCSS has been the gold standard in construction software for the heavy, highway, and utility construction industries. HeavyBid estimating software boasts 35,000 daily users bidding everything from small projects to the largest, most complex joint ventures in North America. Bid more work in less time, reduce data entry, and reduce risk with HeavyBid. HeavyJob time card and job reporting software allows you to increase efficiency, productivity, and profit while reducing unexpected issues by analyzing daily job costs and comparing production rates so you can make real-time changes. Equipment360 and FuelerPlus help you automate your shop, plan preventative maintenance, and monitor fuel usage and costs. The Dispastcher scheduling software helps you track equipment, trucks, employees, tools, and inventory so you can reduce waste and manage your resources efficiently. And HCSS GPS integrates with your other HCSS equipment software to track location, run time, speed, mileage, and more so you can run your fleet more efficiently and improve profits. Analyze risk across multiple jobs and crews, organize records and paperwork, stay up to date on regulations, report incidents and near misses, and track employee skills and certifications using HCSS Safety.