



From Local to Limitless: How Hudson Cloud, IGEL, and Imprivata Transformed Digital Dentistry at Touro College of Dental Medicine

A Cloud Foundation for the Next Generation of Digital Dentistry

Summary

Challenge: Touro College of Dental Medicine needed a faster and more consistent way to access digital tools across multiple campuses. Citrix licensing costs kept rising, endpoints were aging, and slow logins frustrated students and faculty. The college required a solution that preserved tap-and-go workflows while improving performance, security, and total cost of ownership.

Solution: Hudson Cloud guided Touro through a seamless migration to Microsoft Azure Virtual Desktop (AVD) powered by IGEL OS and Imprivata Enterprise Access Management. The new environment delivered secure, badge-based logins in seconds and full peripheral support for high-resolution imaging and 3D applications.

- **Preserved workflows:** Imprivata Tap-and-Go launches full AVD sessions instantly.
- **Device-ready:** IGEL Advanced Device Redirection supports Jazz Imaging X-ray sensors, scanners, webcams, and speech mics.
- **Zero-trust security:** No local data on endpoints, reducing attack surface.
- **Future-proof design:** Cloud scalability for new campuses and AI-driven digital tools.

Results: Touro now delivers the same seamless experience for every student, faculty member, and clinic from New York to New Mexico.

"On a scale from one to five, I would rate IGEL a solid five due to its flexibility, ease of use, and seamless integration with biomedical and healthcare technology management solutions." said **Shlomo Weintroub, Business Development, Hudson Cloud**



Our clinics have to feel consistent for students and faculty. Badging in quickly, getting to applications without delay, and having the same experience in New York and New Mexico are essential for teaching and clinical work"

Dr. David Katz, DDS,
Vice Dean, Touro College of Dental Medicine

What improved:

- Logins reduced from minutes → seconds
- Smoother imaging and 3D performance
- Standardized platform across campuses
- Stronger security and simplified management
- No local data, lower risk



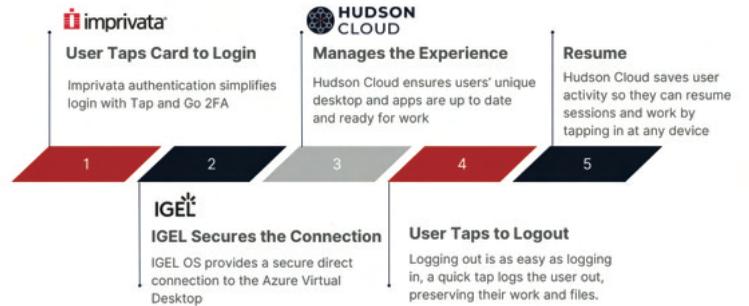


We tested and refined step by step so the experience felt seamless from day one. Students and faculty can count on the same secure desktop in any clinic or classroom.”

Behan Venter,
CTO, Hudson Cloud

Hudson Cloud | IGEL | AVD | Imprivata

Frictionless Access to Desktops and Applications



Hudson Cloud transforms dental education and practice with cutting-edge cloud solutions.

Our infrastructure platform delivers secure, scalable, high-performance computing that supports digital dentistry, enhances clinical workflows, and simplifies operations for healthcare and academic institutions.

Touro College of Dental Medicine advances digital dentistry through education, research, and community service.

Clinics in New York and New Mexico offer students with real-world clinical experience and expand access to care for underserved populations. Touro College of Dental Medicine has the third-largest predoctoral dental program in the United States.

Key Stats

Touro College New York:

- 125+ chair clinic
- 1,200+ patient visits/week
- 1,000+ users

Touro College New Mexico:

- 80+ chair clinic
- 700+ patient visits/week
- 165+ users

Industry

Healthcare and Education

Location

Westchester County, New York; Albuquerque, New Mexico



The Secure Endpoint OS Platform for Now & Next