



UCLA

Globally Recognized Education Facility

ABOUT University of California Los Angeles UCLA

The University of California Los Angeles is renowned as one of the world's great research universities and lists at number 11 in London's Times Higher Education rankings (2010--2011). The UCLA faculty includes Nobel Laureates, Pulitzer Prize winners, multiple MacArthur fellows and scores of national academy members. They have almost 40,000 students at UCLA, roughly 27,000 undergraduates and 13,000 graduate and professional students in 163 buildings spread across 419 acres of land is UCLA's primary purpose as a public research university is the creation, dissemination, preservation and application of knowledge for the betterment of our global society.

PROJECT BACKGROUND

The UCLA Library service encompasses thirteen libraries spread across campus. Within each library, banks of public terminals are available to students and provide them access to the Universities Library Catalog of digital publications, journals, papers and other educational resources that students need to complete their studies, there are 250 public terminals in total, serving tens of thousands of students annually.

THE CHALLENGE

The challenge was to provide a consistent desktop environment to students and serve a very large pool of

names users desktops using a much smaller pool of concurrently running instances.

UCLA wanted a cost--effective solution that was easy to manage, easy to support and capable of handling a high turnover of students on a daily basis.

After considering alternatives, including internally hosting virtual desktops, UCLA chose the IronOrbit Desktops--on--Demand service -- a fully managed and hosted virtual desktop service, powered by the IronOrbit DaaS Engine.

The IronOrbit DaaS Engine serves thousands of non--persistent desktops to a much larger pool of named users, delivering persistent bookmarks, applications and user data, as well as access to course specific journals, publications and research papers.

THE RESULTS

- **UCLA students reported dramatically improved user experience**
- **Many users reported that consistent desktop access is critical to their work**
- **Stronger internal security desktops are outside the firewall**
- **UCLA was able to roll out service in days without burdening lab IT services**
- **Deliver the service at minimal cost of less than \$1/day**

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CASE STUDY



IronOrbit
Cloud Computing Solutions

PROJECT HIGHLIGHTS

Challenge:

Acquire desktop solution to:

- Provide safe web access
- Tight security guidelines
- Enable secure business and social use of Web
- Quick deployment and minimal cost

Solution:

IronOrbit's Desktops on Demand™ service delivered as a fully managed hosted service, powered by the IronOrbit DaaS Engine



Desktops on Demand™:

- Disposable virtual desktops
- Fast login times
- Good WAN user experience
- Good Multimedia UX
- High--Availability, Low cost
- Reliable 24/7 service

Deployment Environment:

- Servers with SSD drives
- VMware ESXi
- Access via library public terminals in 13 libraries

“

The new computers in Young Research Library are absolutely amazing. They are honestly the best part of the renovation in my opinion. Better computers was the one thing that library truly needed.

”

UCLA Student Feedback

ABOUT IRONORBIT

IronOrbit, a division of SACA Technologies, is a privately owned and fully integrated Information and Communications Technology (ICT) powerhouse. With more than 300 years of combined industry expertise, IronOrbit innovates, develops, and produces comprehensive ICT solutions, specializing in GPU-accelerated cloud workspaces.

IronOrbit operates their own global footprint of private data centers across more than twenty regions worldwide, utilizing SOC 2 Certified, Tier 4 facilities to provide cloud services and their flagship hosted desktop solution, INFINITY Workspaces, to thousands of customers, including the US government.

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