

Illuminate Live!

online synchronous learning spaces & ad-hoc meetings

the dream

- university-wide web conferencing solution
- self-provisioned online meeting spaces
- integrate with identity management system
- archive and retrieve meetings on demand

opportunities

- **economies of scale** - aggregate department/collegiate web conferencing systems
- **knowledge capture** - automate storage for meeting search/retrieval
- **innovation** - live classroom tech support via web conferencing

the landscape

- web conferencing common features: voice, video, slides, screen capture, whiteboard
- boutique proprietary software providing hosted & local solutions
- interoperability issues for authentication, session storage/export, other conferencing systems

self-provisioning

zero to web conference in 60 seconds

The screenshot shows the Duke Webconferencing Manager interface in a Mozilla Firefox browser window. The page title is "Duke Webconferencing Manager - Meetings". The browser address bar shows "https://webconference.ot.duke.edu/index.html". The page features the "DUKE WEBCONFERENCE" logo and a navigation menu with "Meetings", "Recordings", and "Help". A calendar for September 2007 is visible, with the 19th highlighted. Below the calendar, there is a table of meetings for the date 09/19/2007. The table has four columns: "Time", "Meeting Name", "Created By", and "Prod?".

Time	Meeting Name	Created By	Prod?
02/12/2007 01:00 EDT - 02/12/2007 23:00 EDT	Configuration Room	Benjamin Rogers	🔒
03/15/2007 15:30 EDT - 03/15/2007 16:30 EDT	CEITDL Helpdesk	Jeffery Dowell	🔒
05/10/2007 08:00 EDT - 05/10/2007 21:00 EDT	Classroom HelpDesk	Carole Willard	🔒
07/19/2007 15:45 EDT - 07/19/2010 16:45 EDT	DTHE/CTSA	Elizabeth Hill	🔒
08/06/2007 11:30 EDT - 08/06/2010 12:30 EDT	HZ practice room	Haiyan Zhou	🔒
08/24/2007 10:30 EDT - 12/26/2007 11:30 EST	Juventus's Meeting	Constance Johnson	🔒
08/28/2007 09:00 EDT - 09/21/2007 14:00 EDT	Nursing Alumni Council	Jacquelyn Gottlieb	🔒
09/10/2007 17:45 EDT - 12/15/2007 18:45 EST	N103 Cardiac Team	George Turner	🔒
09/11/2007 14:45 EDT - 12/04/2007 17:30 EST	Biology 256	Carole Willard	🔒
09/13/2007 01:00 EDT - 12/31/2007 12:45 EST	Billing Systems Support	Roy Crenshaw	🔒
09/14/2007 07:30 EDT - 09/19/2007 14:00 EDT	Gordon's Class	Brian Burton	🔒
09/17/2007 12:00 EDT - 09/17/2008 13:15 EDT	Vroom's Meeting Place	Brian Burton	🔒
09/18/2007 12:15 EDT - 09/18/2007 13:15 EDT	Barz's Meeting	Benjamin Rogers	🔒
09/19/2007 09:30 EDT - 09/19/2007 11:30 EDT	Text Document	Helen Hatchett	🔒
09/19/2007 14:45 EDT - 09/19/2007 15:45 EDT	Allen Creech - Text 2	Allen Creech	🔒
09/19/2007 19:15 EDT - 09/19/2007 21:30 EDT	ENV 461--9/19/07--Chun_Sara_Ecosystem_Science	Sara Chun	🔒
09/19/2007 21:30 EDT - 09/19/2007 23:00 EDT	Text Document	Helen Hatchett	🔒

Provided by Duke's Office of Information Technology. For additional information related to this service, please visit the [service page](#).

To receive email notification of planned service downtimes and updates, [subscribe to the webconference announcement list](#).

If you have trouble joining sessions please contact the [DIT Helpdesk](#).

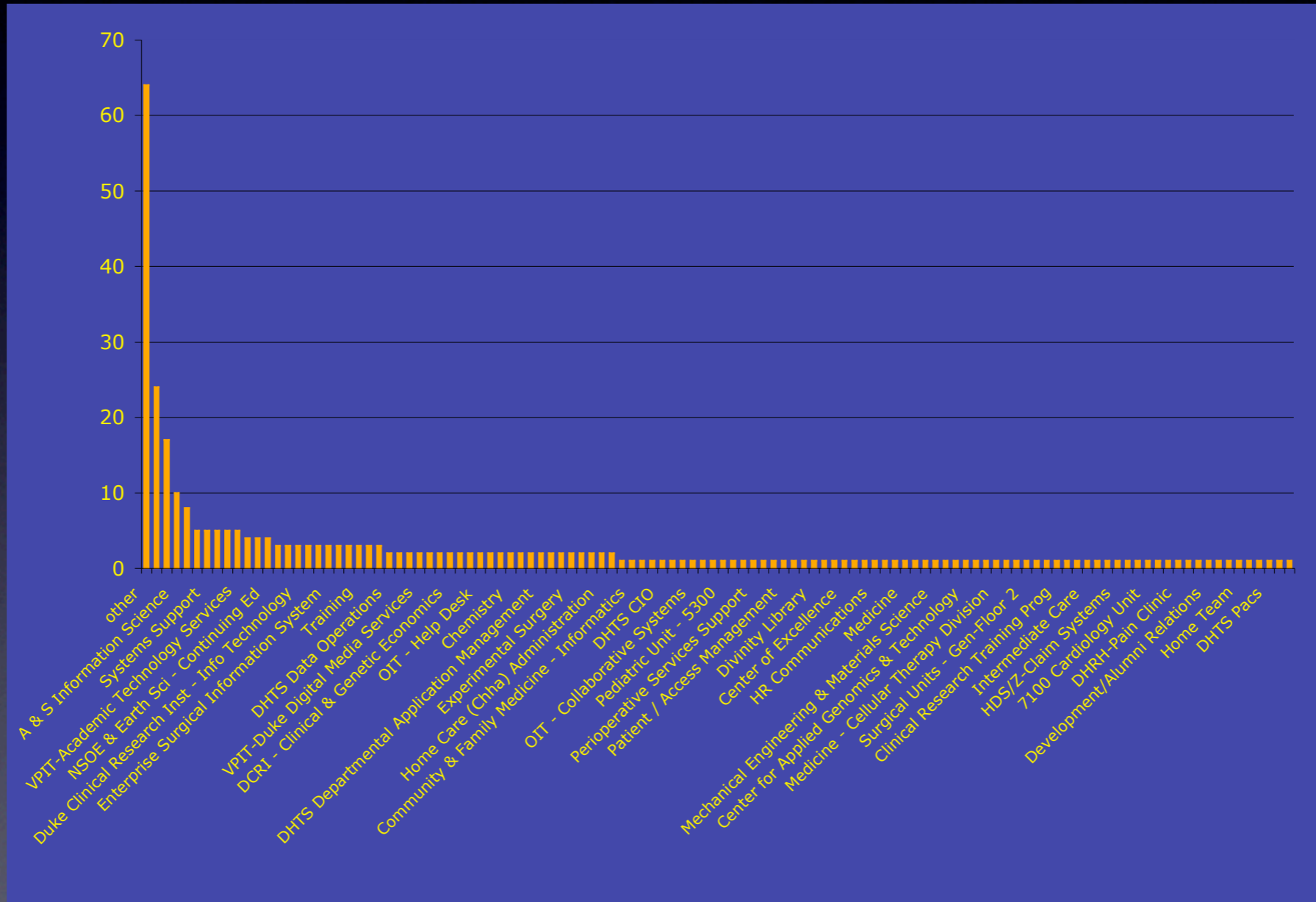
Duke's experience

- 42,000 potential users for one year
 - 308 used the meeting set up page
 - 636+ meeting spaces created with ongoing multiple visits to some spaces
 - 149 meetings recorded

who uses it?

- over 100 departments
- about half have created multiple spaces
- most meetings have 2 - 4 participants
- 25% of meetings have 10 - 20 participants

spaces/department



costs

- \$2/seat software license
- servers
 - brain + cold spare brain
 - 2 session pool servers, each running 200 live sessions
- storage space (per meeting/hour)
 - 50 Mb with screen capture
 - 0.5 Mb storage without screen capture

but...

- **support** - ad-hoc usage peaks outside business hours at 8 -10 pm for professional schools + 6 am/6 pm for singapore
- **recording** - automated conversion of meetings to non-proprietary format?
- **interoperability** - integrate with standards-based video conferencing?

the bigger picture

- online meetings suggest inter-institutional federated identity management
- few web conferencing vendors are even aware of shibboleth
- open source/open standards work limited for web conferencing systems

going forward

- **overlap** with scheduled and self-provisioned audio conferences, video conferences, immersive virtual worlds
- **automatic export** of recorded meetings to standard formats
- **interoperability** between online presence and conferencing/meeting spaces