



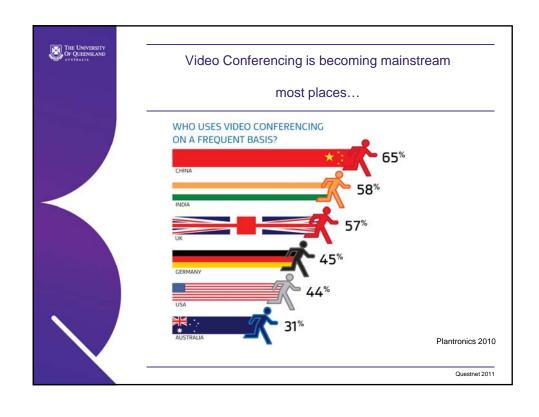
What is important to the Enterprise?

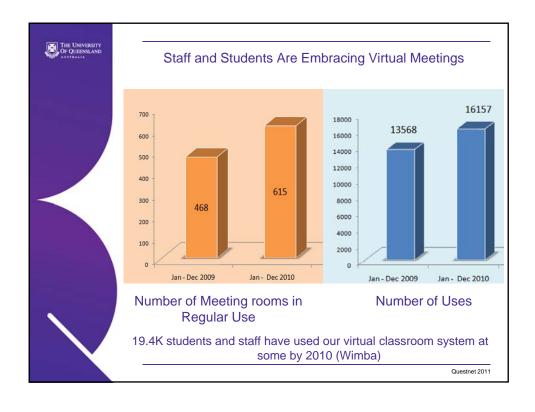
The study findings show professionals have clear preferences regarding communication tools that contribute to their success. 83% of surveyed professionals said that email is "critical/very important" to their overall success and productivity. 81% said the phone is "critical/very important" to their overall success and productivity. These two seemingly declining methods of communication outpaced everything else by 20 percentage points or more.

Plantronics 2010

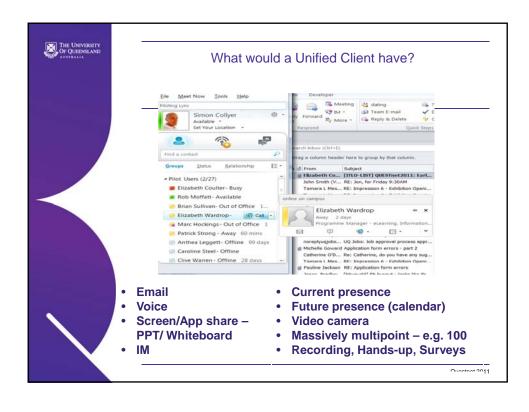
eMail and Voice are equal kings

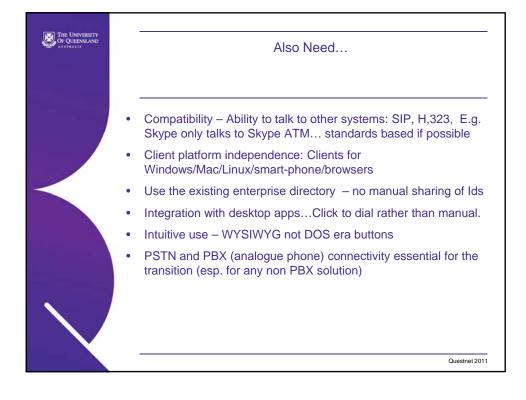
Unified Client is still rare







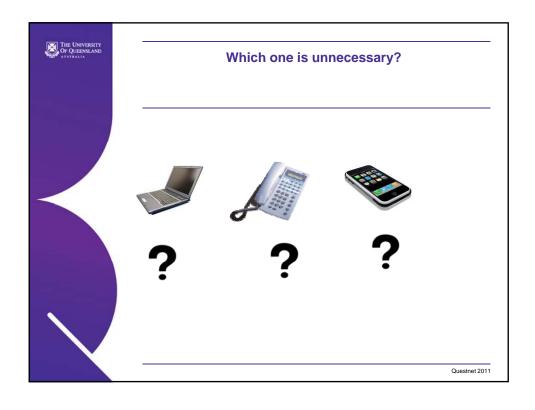






Users Conference Example Wimba/Ellu Tandberg NEC/ Avaya/ Skype, Vendor minate/ Big Cisco Messenge Google Ta Enterprise eLearning AV team PBX team Self Install Provider team Typical Not Only have a Immobile, slow Self mana Current accessible few rooms with to deploy and ID; Self		Where are their Issues?				
Vendor minate/ Big blue button Cisco Messenge Google Ta Enterprise Provider eLearning team AV team PBX team Self Install Ins	_	eLearning		Phone users	Consumer Conferencing	
Provider team Typical Not Only have a Immobile, slow Self mana Current accessible few rooms with to deploy and ID; Self		minate/ Big	Tandberg		Skype, Messenger, Google Talk	
Current accessible few rooms with to deploy and ID; Self		•	AV team	PBX team	Self Installed	
No mass functionality PSTN link		accessible by all staff. No mass headphone	•	to deploy and very low functionality	managed PSTN link; interoperability	



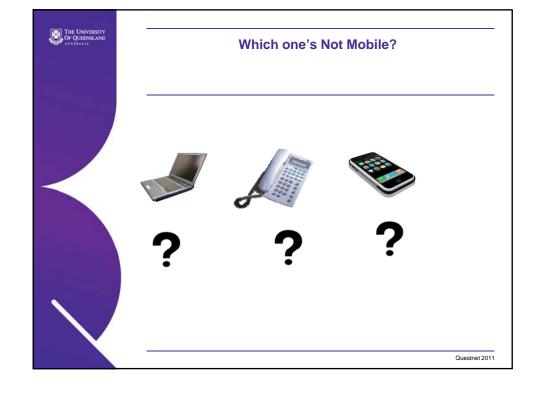




Consideration – Mobility

- Laptops currently represent 2/3 of all computers purchased and will be 3/4 by 2015 – IDC
- Most first year students now come from a school with a 1-1 laptop programme.
- Most uni courses now online Blackboard/Moodle 18K+ on a Sunday
- Laptops are Green!! They use less than 1/3 the power
- Wireless usage exploding UQ doubled compared to 2010
- Campuses have been offering blanket wireless since 2000
- By 2015 WiFi devices will be consuming more bandwidth than wired devices –CISCO

User Communications are likely to be Mobile





What's Wrong with the Desk Phone?

- Slow and resource intensive to deploy: weeks not minutes
- Hard to move (Esp. Analogue)
- Slow to use- manually type number in
- Hard to use all those codes? No WYSIWYG
- Only Voice No IM/screen-share/video etc.
- Expensive to buy
- Ruin the environment
- Cause neck pain = \$B's annually
- Duplicate expensive infrastructure: datacentres, help desks, support teams
- · There were no desk phones on the Enterprise

Questnet 2011

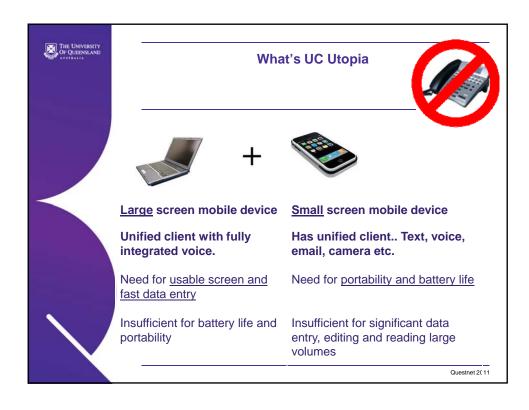


What about Smartphones?

Aren't they a Unified Communication Client?

- Yes smartphones have Voice, IM, eMail, Video, Directory etc !!!
- No smartphones are too small for a lot of work
 - · Can't read big docs
 - Can't type big docs

Smartphones are good, but you need a computer too





Consideration – Fragmentation

Why not let everyone go their own way with Skype etc

- Manual client deployment costs
- Manual account creation costs
- Manual ID sharing costs
- Incompatibility with other VOIP systems
- Incompatibility with legacy analogue systems
- PSTN call cost accounting? Who pays-how.

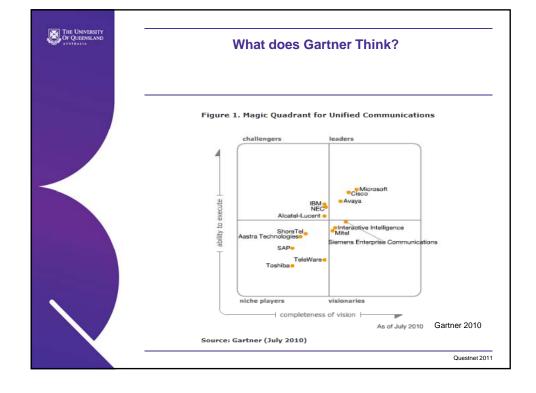
An Enterprise Deployed Solution is Important



Other Considerations

in the mix

- Existing large investment in analogue phones
- Physical VOIP phones more expensive than analogue phones
- Legacy Issues: Fax machines, headphone aversion, security phone and general expectation of reliability
- PSTN connectivity and call accounting (for non PBX systems)
- Cloud Google Apps or Office 365 Issues: Latency and functionality limitations (office apps)
- Give everyone a mobile instead of a desk phone. More mobile and simpler deployment. Yes
- PSTN and Analogue phone connectivity essential for legacy collaboration
- PSTN call accounting. Perhaps report but don't charge.
- Is one imperfect solution better than 4 imperfect solutions?





Summary

There is increasing overlap between various University eCommunication systems.

May be merit in consolidation and coordination of services and strategy.

Delay may result in missed productivity benefits and increasing adoption of disparate consumer systems.

Missing functionality has 0% reliability.

Consider what happened to the record industry when they initially resisted then embraced the internet.