

Technology outlook

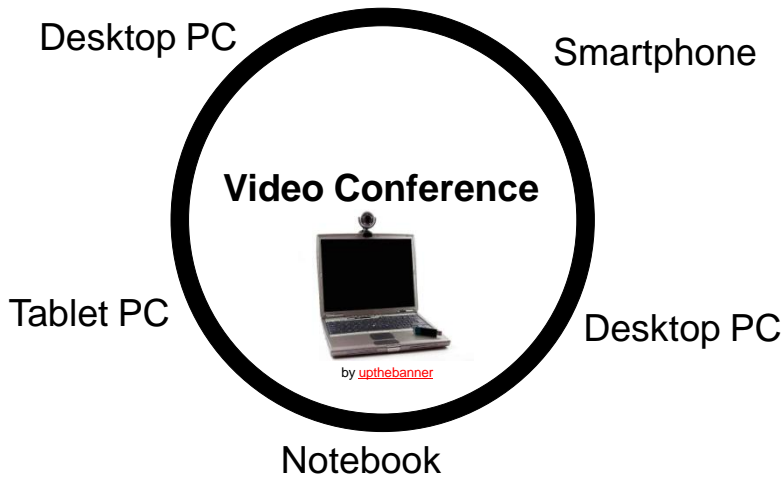


by indircom

LET'S MAKE SURE.

Collaboration

The brain of a company

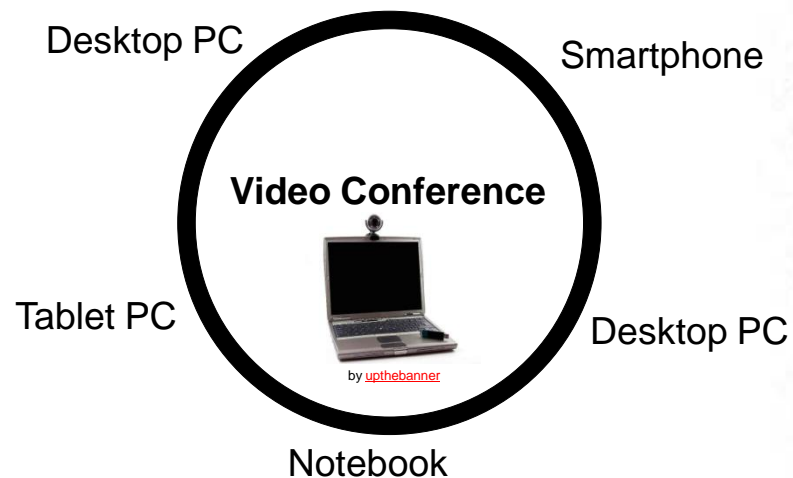


by MoHD!

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What is collaboration tools?

- Voice and video conferencing
- Application and document sharing
- Instant Messaging (“chatting”)
- Email



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Why collaboration tools?

- Global companies require efficient collaboration
- Mobility changes ways of working and requires appropriate tools
- Reduce lead times in major processes, such as product development
- Cost reductions
- Increased efficiency
- Virtual teams



by [Global X](#)

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Virtual teams

- A virtual team is a group of people who work interdependently with a shared purpose across space, time and organization boundaries using technology
- In a global company we need to form virtual teams that can perform their tasks supported by effective and high quality tools
- The collaborative environment will have a direct influence on how efficient our virtual teams are performing



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Current situation

- Most of the functionality is **already available** (various quality). Divided in several different environments with different interaction, complicated to use and not fully cooperating
- **Voice communication is separated** from other collaboration tools. Voice over IP (IP telephony) is not fully implemented.
- **Internal networks are not configured** for all aspects of collaboration such as video communication and CAD data sharing
- **Specialized video conferencing** rooms are few, expensive, very complicated and the usage **is actually decreasing**



by cdevroe

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Industry trends

- Collaboration tools will be integrated into **one collaboration environment** with seamless integration between the functions, such as email, instant messaging, voice and video communication
- The collaboration is moving from specially designed rooms to an user friendly environment in **our own workplace**
- **PC and smartphones** will be the two main clients in the collaborative environment
- **Presence (“are you online”)** enables the choice of online or offline messages as an integrated part of the collaboration environment



http://commons.wikimedia.org/wiki/File:Video_Call.jpg

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Industry trends, voice communication

- Voice will be **part of the internet network (IP telephony)** and can be operated as an ordinary application. This will enable integration with the collaboration environment
- The two main voice tools will be **smartphones and softphones** (phone in the pc) equipped with similar functionality



by AndersRo



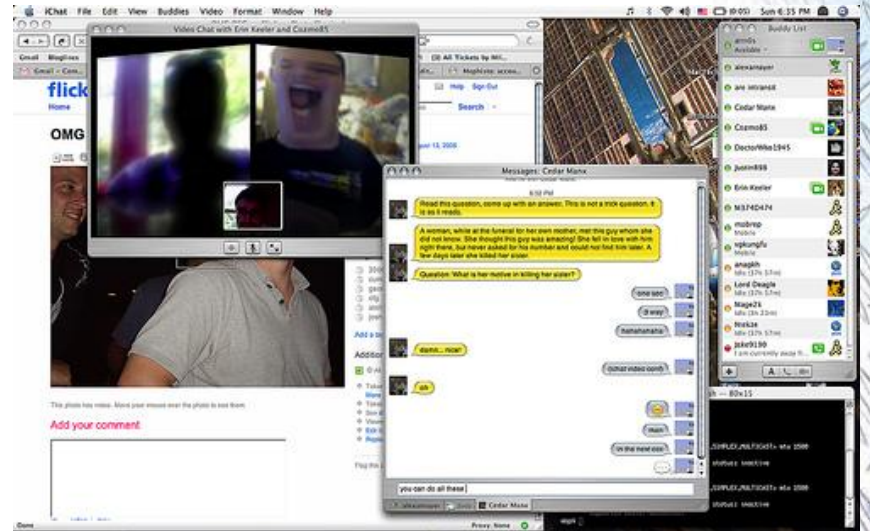
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Industry trends, video communication

- **High quality** video conversations will be enabled by upgraded internal networks
- One to one video calls and many to many video conferencing will be standard.
- **Better tools** for video conferencing with virtual round the table dialogue



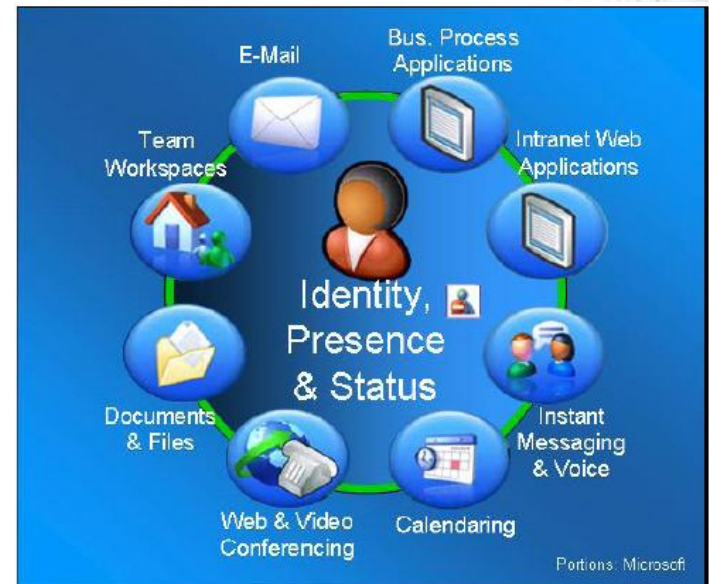
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Summing up collaboration environment

- **Integration** into one collaboration environments will be available and standard in short term (less than 2 years)
- **Many to many video conferencing** in the collaborative environment will be industry standard in less than 5 years
- **Similar environment**, in both smartphone and pc, will be stepwise implemented with the first steps 2 years from now



Microsoft's unified collaboration environment

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