

Collaboration software in Virtual Enterprises

By G.B & Y.P.



Virtual organizations

- ◆ Virtual Organizations

- ◆ Bigger competition

- Solution for SME

- Based on core competences



Virtual organizations

◆ Byrne et al

- “a temporary network of independent companies – suppliers customers and even rivals-linked by information technology to share skills, costs, and access to one another's market”

Virtual organizations

◆ Main classes

- Internal (big power distance)
- Small industry (equal power)

◆ Cooperation

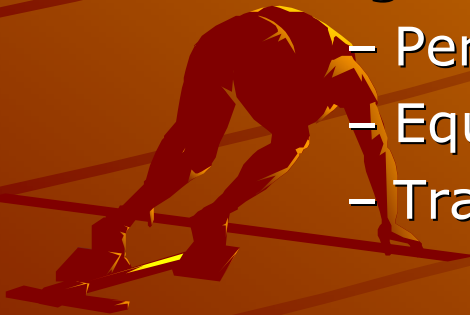
- Horizontal
- Vertical
- Diagonal

Software in VO

– ICT is normally over value

◆ High cost

- Personal
- Equipment
- Training



Collaboration Software

◆ is software designed to help people involved in a common task achieve their goals. Collaborative software is the basis for computer supported cooperative work.

http://en.wikipedia.org/wiki/Collaborative_software

Comunication

◆ There are three primary ways in which humans interact:

- Conversations, (no direction)
- Transactions, (customer - buyer)
- Collaborations (development of and idea or design)

◆ mechanisms to capture the efforts into a managed content environment are collaboration technologies.

Tools

- ◆ The Three levels of collaboration
 - ◆ Electronic communication tools
 - ◆ Electronic conferencing tools
 - ◆ Collaborative management tools



Tools

- ◆ Electronic communication tools
- ◆ Electronic communication tools send messages, files, data, or documents between people and hence facilitate the sharing of information. Examples include:
 - ◆ synchronous conferencing
 - ◆ e-mail
 - ◆ Instant Messaging
 - ◆ faxing
 - ◆ voice mail
 - ◆ Wikis
 - ◆ Web publishing

Tools

- ◆ Electronic conferencing tools
- ◆ Electronic conferencing tools facilitate the sharing of information, but in a more interactive way. Examples include:
 - ◆ Internet forums (also known as message boards or discussion boards) — a virtual discussion platform to facilitate and manage online text messages
 - ◆ Online chat
 - ◆ Telephony
 - ◆ Video conferencing
 - ◆ Data conferencing Application sharing
 - ◆ Electronic meeting systems (EMS)

Tools

- ✦ Collaborative management tools
- ✦ Collaborative management tools facilitate and manage group activities. Examples include:
 - ✦ electronic calendars (also called time management software)
 - ✦ project management systems
 - ✦ workflow systems
 - ✦ knowledge management systems
 - ✦ extranet systems (sometimes also known as 'project extranets')
 - ✦ social software systems
 - ✦ online spreadsheets
- ✦ Collaborative software can be either web based (such as UseModWiki or Scoop), or desktop systems (such as CVS or RCS).

Collaboration Software

◆ Main problems

– Cost

– Get the people to work with it

