

Wireless Communication, a Business User's Perspective

Dr. Ekaterini Yamalidou

Enterprise Solutions SBU Hyperion Systems Engineering Ltd.



Introducing Hyperion

- Hyperion Systems Engineering is a Cypriot company, which provides Software Engineering Technology Solutions and Services to the industry worldwide.
- We employ about 100 people, the majority of which are engineers and consultants.
- We operate

from our own offices, in Nicosia and in Athens from our partner's offices in Europe, USA and Asia from various client locations in Europe, USA and Asia



Our Areas of Expertise

- Process Systems Engineering Services:
 - Dynamic Analysis
 - Operator Training
 - Advanced Process Control and Automation
 - Real-Time Optimization
 - Plant Information and Data Management
- Enterprise-wide Solutions:
 - Supply Chain Management (Planning, Scheduling, Demand Management)
 - ERP Implementation (SAP, IFS)
 - ASP Solutions
 - E-Business (B2B) Integration and Development
- Human Resource Mgt Services *:
 - HR Studies and Audit Work
 - Recruitment and Headhunting
 - Training

^{*} through our subsidiary APOLA HUMAN SOLUTIONS Ltd.



Highly Mobile Workforce

A part of the work is executed in our offices.

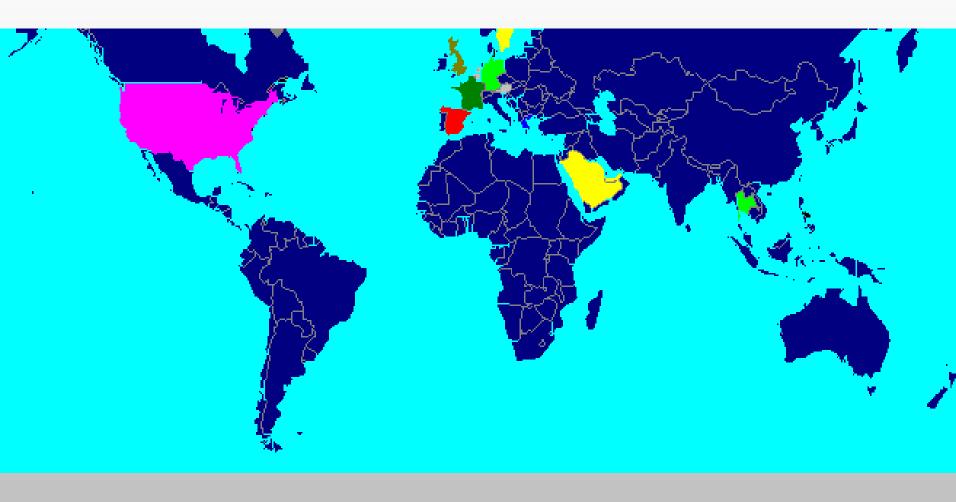
However, frequent trips are required to client or partner locations.

Duration of on site work varies from a day to several months.

10-20% of our staff is away on project work at any given time.



On Site Assignments





Telecommunication Services Used

(a) communication with servers:

- send and receive large model and data files
- view and modify files with data and/or graphics
- view, select and download personal emails
- update databases

(b) communication with colleagues and clients:

- exchange model and data files
- teleconference using voice, graphics and image

(c) access the internet and intranets:

- search for and download information
- run applications
- update information in databases
- make/modify travel arrangements



Tools

- mobile telephone
- laptop
- dial up software
- VPN software
- accounts on partner/dient networks
- accounts with internet providers



Difficulties

- not always easy to find an analog phone line
- connection quality often problematic
- low transfer speed
- assortment of adapters necessary
- assortment of user names and access codes needed
- cables are limiting mobility



Our "Wireless" Wish List

- multi-tasking, light, easy to use devices
- large screens
- "always-on" fast and secure connection to the internet
- fast and secure connection to intranets
- interactive features
- teleconferencing
- text to speech conversion
- customized service
- notification for important emails
- develop, deploy and run applications



Business-Centric Tools / Services

- security features
- functionality for mobile devices as well as for laptops
- high speeds
- reasonable cost models
- international standards
- efficient integration with existing, widely used business applications
- ability to screen unsolicited information



Closing Remarks

- we as business users see value in wireless technology
- wireless tools and applications for businesses have different characteristics than those for consumers
- portability, fast speed, low cost, international standards will facilitate the fast adoption of the new technologies from the business community