# Session I: TINA and the Internet

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## Integrated Solution Added Values

- 1) Transparent Location of Resources
- 2) Dynamic Configuration of Resources
- 3) Multi-resource Support
- 4) Higher Availability
- 5) User Identification by Logical Name
- 6) New Participants Invitation
- 7) Role-Based Service Features
- 8) Pre-Defined Conference Types
- 9) User-Defined Conference Types
- 10) Service Session Representation











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### **Business Roles within Lite**

- Provider/Retailer (unified)
- Subscriber: the holder of the relation with the Provider/Retailer
- User
  - Named: registered within the context of a subscription to a service;
    - service user
    - service manager (Subscriber side)
  - Anonymous: can only use freely available services
- Third party Provider/Retailer

### Examples:

- Personal subscription: 1 person is subscriber, service user and subscriber service manger at the same time
- Corporate subscription: company subscribes to on service, authorizing employees as service users; one employee can operates as subscriber service manager

#### 

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|   | The Lite Architecture   |
|---|---|
| • | <ul> <li>Platform Management (one)</li> <li>Configuration data repository (Information Model)</li> <li>Event Logger - Event Processor (Event Model)</li> <li>Resource Manager</li> <li>Platform Manager</li> </ul>            |
| • | <ul> <li>Service Environment (one per service)</li> <li>Service session(s)</li> <li>Subscriber side Service Management session(s)</li> <li>Provider side Service Management session(s)</li> </ul>                             |
| • | <ul> <li>Clients (per service)</li> <li>User UAP (both active and static)</li> <li>Subscriber side Service Manager UAP</li> <li>Provider side Service Manager UAP</li> <li>Third Party Provider/Retailers (0 to ∞)</li> </ul> |
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| UAP  |  |  |  |
|--|--|--|--|
| Active UAP   |  |  |  |
| <ul> <li>Java Applet (signed): regular Computational Object: other<br/>Objects (i.e. the Service Session) can invoke methods through<br/>its interface</li> </ul>  |  |  |  |
| Static UAP   |  |  |  |
| <ul> <li>Sequence of HTML pages, generated at run-time, interacting with the rest of system by means of Backend Procedures (B.P. are Compund Objects). UAP state is held within hidden fields within the page, can be either constant or set at run-time</li> <li>usable within non-java-enabled/scaled-down/specialized browsers (eg. web-tv, cellular phones, etc.)</li> </ul> |  |  |  |
| <ul> <li>separate the Presentation aspect (within the page) from Logic<br/>aspect (within the backend procedures): high degree of<br/>customizability upon subscriber basis</li> </ul>   |  |  |  |
| <ul> <li>extensive use of native support provided by Browsers and<br/>Web Servers (e.g. Secure Socket Layer)</li> </ul>  |  |  |  |
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