



XML and the Mobile Internet

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Mobility is...

- **Personal**
- **Independent**
- **Decentralized**
- **Sensitive to context**

XML is...

- **Open**
- **Customizable**
- **Reusable**
- **Device-independent**

XML is well suited to the needs of wireless mobility.

Basic Trends

- **Mobility is a value-add for enterprise and consumer**
 - location-based services, speech, telematics**
- **Terminal and appliances are dictating the availability of new services**
 - hardware/screen, operating systems, apps**
- **Mobile Internet is driving a revolution in the network infrastructure**
 - number of devices, variable connectivity**

Mobility Considerations

- **Context customization**
device, task, location, person, presence
- **Universal services**
connect to any application, from any device
- **Universal devices**
any service provider, any access medium

Mobile Technology Drivers

- **Speech recognition**
- **Location-specific applications**
- **Unified communications**
- **Unlicensed spectrum**

XML and Mobility Challenges

- **Security**
- **Device characteristics**
software, hardware, bandwidth,
display, power, interface
- **Unstructured corporate content
and business processes**
business-level coordination is required
to achieve technological gains

Summary

- **Wireless mobility is dynamic**
- **XML provides flexible tools**
- **Benefits of XML are immediate and will increase as the environment becomes more mobile**

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