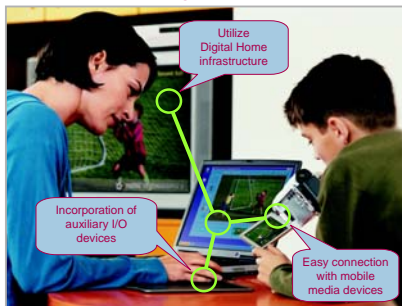


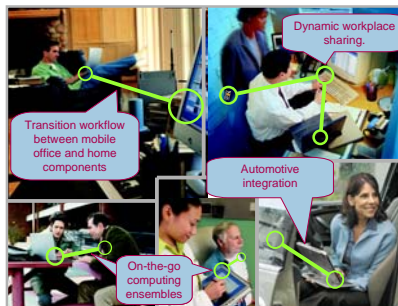
Dynamically Composable Computing User Experience

Dynamically Composable Computing allows mobile computer components to be dynamically configured to better suit the task at hand. The ubiquity of mobile personal computing devices in combination with the emerging Ultra-Wide Band standard will enable transparent composition of wireless components into a unified system.

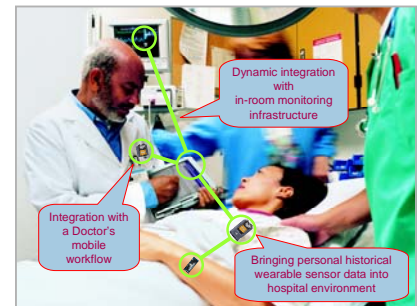
DCC Use Scenarios: The Dynamic Digital Home



The Dynamic Mobile Office



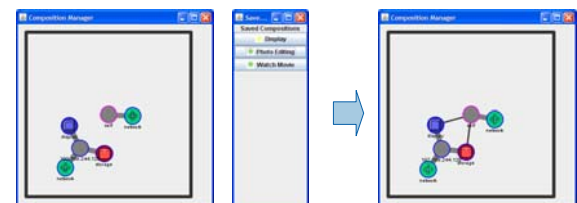
The Dynamic Hospital



A primary goal of the system is to make compositions *easy to use*; we are exploring a number of different interaction techniques to enable seamless, intuitive and effective compositions



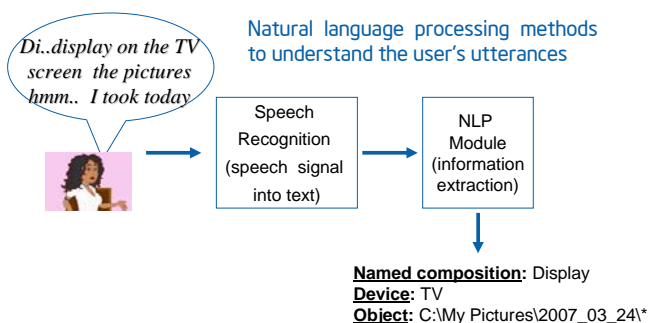
Graphical User Interface using a join-the-dots editor



Devices and Services Before Composition Named Compositions Linked Services After Composition

Prototype Composition Manager

Natural Language Processing for convenient interaction



NFC for proximate connections

Use NFC to facilitate association and key exchange to form secure wireless links



'Touch and connect' paradigm

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