

Smart Displays for the Future

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Abstract

Smart Displays are designed to bring the functionality of the home PC into any room in the home. All data and applications reside on the PC and are projected to the Smart Display. Smart Displays will automatically reflect all personalized PC settings, including My Favorites, My Pictures, and folder settings, as well as allow quick and easy access to the applications and features used most such as Web browsing, email and spreadsheets.

Windows XP Professional delivers the latest Windows technologies and extensive support for digital media as well as the wireless support and Remote Desktop Protocol host technology necessary to extend the PC experience to Smart Displays. Smart Displays, based on Windows CE.NET, includes integrated 802.11b wireless networking, instant on, accelerated graphics, and the Remote Desktop Protocol client.

National Technology in Support of Windows Powered Smart Displays

To compete in a consumer space where demands are high for information anywhere, anytime, manufacturers need technologies that are high performing, flexible and robust. National Semiconductor has been working closely with Microsoft as a partner on its Smart Display initiative. This effort has included collaborating on the design for an optimized reference platform that meets or exceeds the Smart Display requirements for a low power, high-performance solution.

In this presentation, Mitch Abbey, Director of National Semiconductor's Display division, will discuss what technologies are being developed today, and what is in store for consumers and businesses in the near future.