intel® Leap ahead™

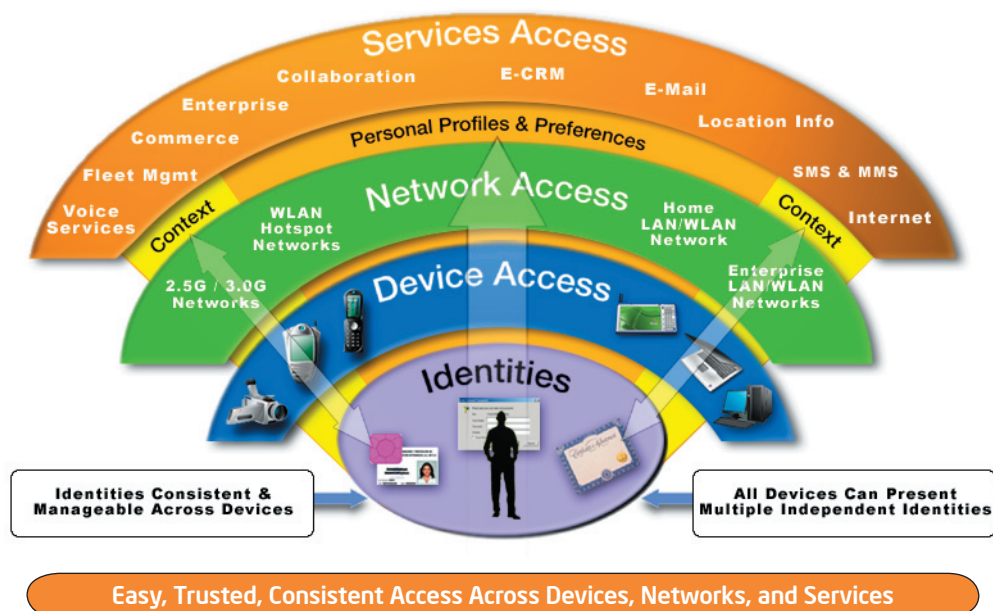# Intel Identity Capable Platforms (ICP)

Identity Capable Platform Vision

Intel Identity Capable Platform technology is a client-based approach to enabling flexible access to any device, network or service through a trusted environment that cooperates with and extends infrastructure-based solutions, including federated models. This technology — working with the full constellation of cell phones, laptops, PDAs, and other personal and business devices — will enable identities to be shared, transported and locally managed, in accordance with provider/user policy.

Research Mission

The Intel Identity Capable Platform research project is focused on standards-based provisioning and strong authentication requirements for service-oriented architecture-based environments that enable administrators to securely manage multiple independent identities on a single Intel platform.

Intel is working with global strategic partners, industry standards organizations such as Liberty Alliance, and customers to develop cross-platform, client-based identity technologies that meet future security and privacy compliance requirements in next-generation converged mobile wireless networks.

Services Access

Collaboration · E-CRM · E-Mail

Enterprise · Location Info

Commerce · Personal Profiles & Preferences

Fleet Mgmt · SMS & MMS

Voice Services · Context · Network Access · Context · Internet

WLAN Hotspot Networks · Home LAN/WLAN Network

2.5G / 3.0G Networks · Device Access · Enterprise LAN/WLAN Networks

Identities

Identities Consistent & Manageable Across Devices

All Devices Can Present Multiple Independent Identities

Easy, Trusted, Consistent Access Across Devices, Networks, and Services

Intel's Identity Capable Platform research aims to enable easy, trusted consistent access across a variety of devices, networks, and services through a policy-based model that defines identity by context so a person can simply choose the appropriate identity (for or through a device) to access a network and service.

Identity Management Requirements

Strong Authentication is required to help reduce ID theft. Corporations need a single consistent measure to meet legislative mandates, and reduce costs associated with identity management.

The Identity Capable Platform is the Nexus of the Solution which provides:

- Platform assisted authentication
- A balanced approach to security and privacy
- Compatibility with existing provider infrastructures
- Reduced cost of provisioning and management

About Intel's Corporate Technology Group (CTG)

Intel employs about 7,000 R&D professionals in about 70 locations worldwide. By collaborating with key industry Fellow Travelers, universities, and Intel business units, world class research in CTG enables Intel to maintain it's technology leadership and stay one generation ahead.

About Intel's System Technology Lab (STL)

The Systems Technology Lab is one of four research units in Intel's Corporate Technology Group. STL partners with Intel's product groups to develop world-class technology and system architectures for future Intel platforms.

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