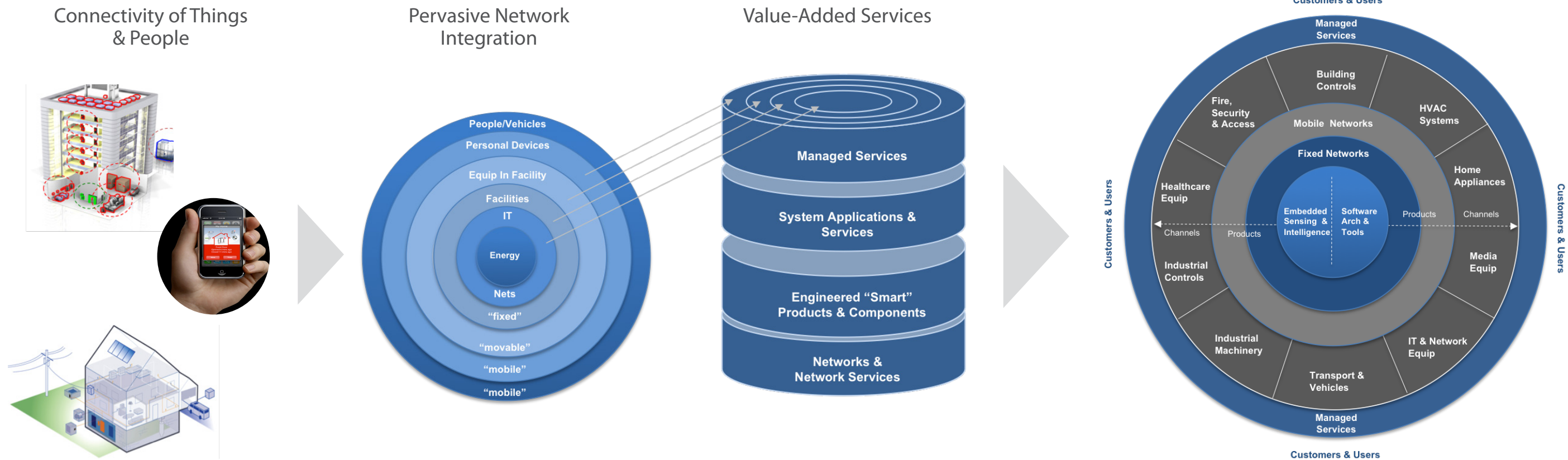


Integrating Smart Systems & ICT

The Evolving Internet of People & Things.....

These forces are informing a new trend we call "Smart Systems." In its simplest form, Smart Systems is a concept in which inputs—from machines, people, video streams, maps, newsfeeds, sensors, and more—is digitized and placed onto networks. These inputs are integrated into systems that connect people, devices, business processes, and content to enable collective awareness.



Virtually all electronic and electro-mechanical products are being designed to automatically transmit information about status, performance and usage and can interact with people and other devices in real-time.

Broader reach and range of dependable wireless networks will drive significant new applications value from improved reliability, quality and data rates.

Availability of new managed services based on data aggregation, management and analytics capabilities.

Ability to sense and respond in real time will drive more adaptive capabilities. Significant growth for asset management, location tracking services, security, and supply chain integration based on interactions among devices, mobile workers and systems management.

Integrating Smart Systems & ICT

As The Physical & Virtual Worlds Converge, Connectivity & Integration Will Become Universal As Components, Platforms & Systems Become Ever More Standardized, Open and Collaborative ...

As networks have invaded the “physical” world, traditionally unique components and interfaces between and among electronic as well as mechanical elements are becoming more and more standardized.

The implications of these trends are enormous. No product development organization or its suppliers of componentry and sub-systems will be able to ignore these forces -- product and service design will increasingly be influenced by common components and sub-systems. Vertically defined, stand-alone products and application markets will increasingly become a part of a larger “horizontal” set of standards for hardware, software and communications.

As it becomes easier and easier to design and develop smart systems, competitive differentiation will shift away from unique, vertically focused product features towards how the product is actually used and how the product fosters interactions between and among users in a networked context.

The opportunities this opens up to forward thinking product and service organizations are nearly infinite. Businesses can begin to explore many new possibilities for system solutions unthinkable just a few years ago.

