Service Intelligent™ Access Solutions



Connect customers to new services and enhance your revenue generating capabilities. High performing, cost effective access solutions that provide intelligent connections to your customers.

Benefits

- Maximum flexibility to connect customers
- Service bundling for a robust business strategy
- High density platforms to lower operating costs
- Designed to protect your network investment

Lucent Technologies
Bell Labs Innovations

Customer-aware access solutions

The market is moving toward personalized services and varying levels of QoS and bandwidth. How will you connect customers to your core network to meet their needs – and help your business capitalize on the new growth opportunities that will result ...profitably?

Lucent Technologies can provide Service Intelligent™ Access Solutions that recognize customers, their applications and connections, regardless of when, where and how they enter your network. These solutions enable you to bundle packages of voice, data, and video services that businesses and consumers want, while helping meet their needs for cost, quality and reliability.

Service Intelligent™ Access Solutions protect your existing infrastructure investment because they build on the technologies already in your network. You can support your customers' needs – narrowband and broadband – on a single, cost-effective platform that will grow proportionally with your business. And with our end-to-end network operations systems, we can help you respond to customer needs for service quality and security, deploy new services more rapidly, and maintain the highest levels of reliability.

Applications:

Provide access to consumer, SOHO, and business customers:

- Traditional voice, video and data services
- Managed services such as IP VPNs, business quality differentiated services, and managed transport
- Next generation services, including multimedia, Internet content delivery, video on demand, broadcast TV

Maximum flexibility to connect customers

With Service Intelligent™ Access Solutions, you'll have the flexibility your business requires to rapidly provision bandwidth and new services. Service Intelligent™ Access Solutions enable support for multi-application services in Central Offices, Remote Terminals, Mult-Dwelling Units/Multi-Tenant Units (MDUs/MTUs), and at the customer's premises. They provide capacity scaled to meet demands of residential, Small Office/Home Office (SOHO), and business applications. They can connect customers to virtually any transport technology, including ATM, IP, Frame Relay, Circuit and Packet, and protocols such as Session Initiation Protocol (SIP). And with the ability to concentrate and aggregate traffic, our Service Intelligent™ Access Solutions help optimize your bandwidth management capabilities.

Service bundling for a robust business strategy

Service Intelligent™ Access Solutions help you deploy service bundles that have value to your customers. They support voice and data services such as POTS, Dial-up IP with V.92/V.90, ISDN, Voice and Data over IP/ATM/DSL, xDSL, Dial-up Frame Relay, IP VPN, and rich-media applications such as video and multimedia entertainment.

High-density platforms to lower operating costs

Lucent is a market leader in edge access and broadband application products that provide the highest levels of density and flexibility across the broadest range of access technologies and speeds. Our product portfolio includes the industry's highest port density on Lucent's Stinger® FS+ DSLAM and industry-leading line density on the AnyMedia® Access System. Service Intelligent™ Access Solutions provide high revenue per square foot to help lower operating costs. The high density of our platforms makes them highly scalable, supporting an investment strategy that is tied to the growth of your business. For example, our APX™ Universal Gateway products can handle more data or VoIP calls compared to other products in their class, without sacrificing performance, reliability and scalability. Plus the ability of Navis™ iOperations Software to provide visibility into your entire network means more reliability, integrated management and less overhead expense.



Designed to protect your network investment

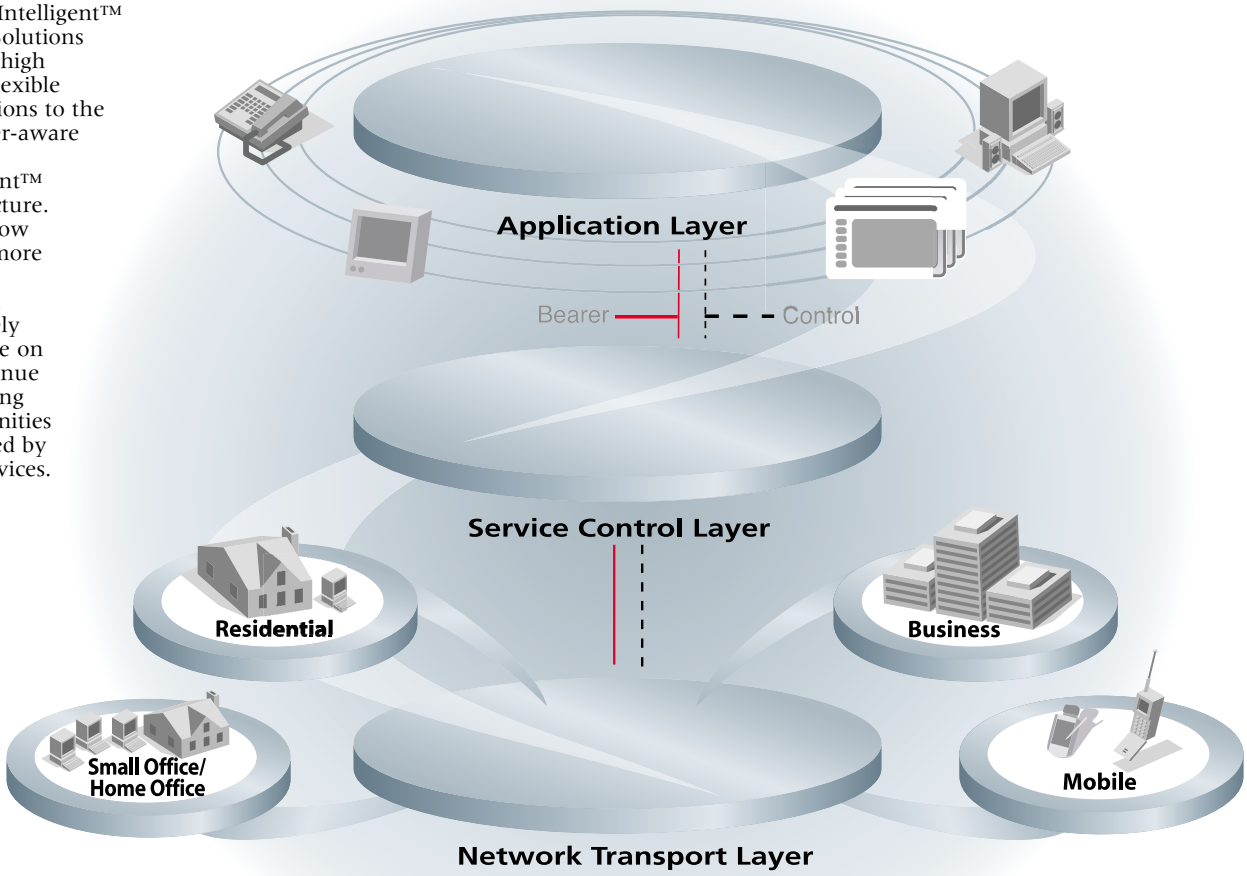
Lucent's Service Intelligent™ Access Solutions enable customer-aware service solutions from the network edge to the customer premise. They maximize capacity and speed for Dial-up IP, xDSL, ATM, Frame Relay, Voice and Data over IP/ATM/DSL and traditional voice networks. Standards-based interoperability enables compatibility with your existing infrastructure to minimize capital expenditures. You're free to add emerging technologies without slowing down for overlay networks or new access.

Access Solutions are part of Lucent's Service Intelligent™ Architecture, our vision for next-generation networking. This vision has practical applications available today that increase revenues, lower operating costs, and simplify network operations. Service Intelligent™ Access Solutions give you the flexibility to add resources when and where you need them. All with the innovation you would expect from our research and development engine, Bell Labs. With the support of Lucent Worldwide Services, we can help you plan, test, deploy, operate, and maintain your Service Intelligent™ access network – and help get you to market quickly.

Service Intelligent™ Access Solution Portfolio

- Products for edge applications:
  - MAX TNT® and APX™ Universal Gateways
  - PacketStar® PSAX portfolio of carrier-grade, Multiservice Media Gateways
  - Pipeline®/Superpipe Products
- Products for broadband applications:
  - CellPipe™ CPE Products
  - Stinger® Access Concentrators
  - AnyMedia® Access Systems
- Navis™ iOperations Software portfolio for integrated network provisioning and management
- Lucent Worldwide Services for network expertise, engineering, and support

Service Intelligent™ Access Solutions provide high speed, flexible connections to the customer-aware Service Intelligent™ Architecture. They allow you to more quickly and cost effectively capitalize on the revenue generating opportunities presented by new services.



Features:

- Cost effective, high-performing and reliable access
- High port densities providing superior price/performance
- Any service, any port functionality delivering a broad range of services with open migration paths to protect your investment
- The service richness of the Internet with the service reliability of classic voice networks
- Unified network management delivering efficient, automatic resource allocation
- Rapid provisioning with high speed, service ready interfaces
- Multiservice provisioning from the same platform

To learn more about Service Intelligent™ Access Solutions, please contact your Lucent Technologies Sales Representative or visit our web site at http://www.lucent.com/sia.

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