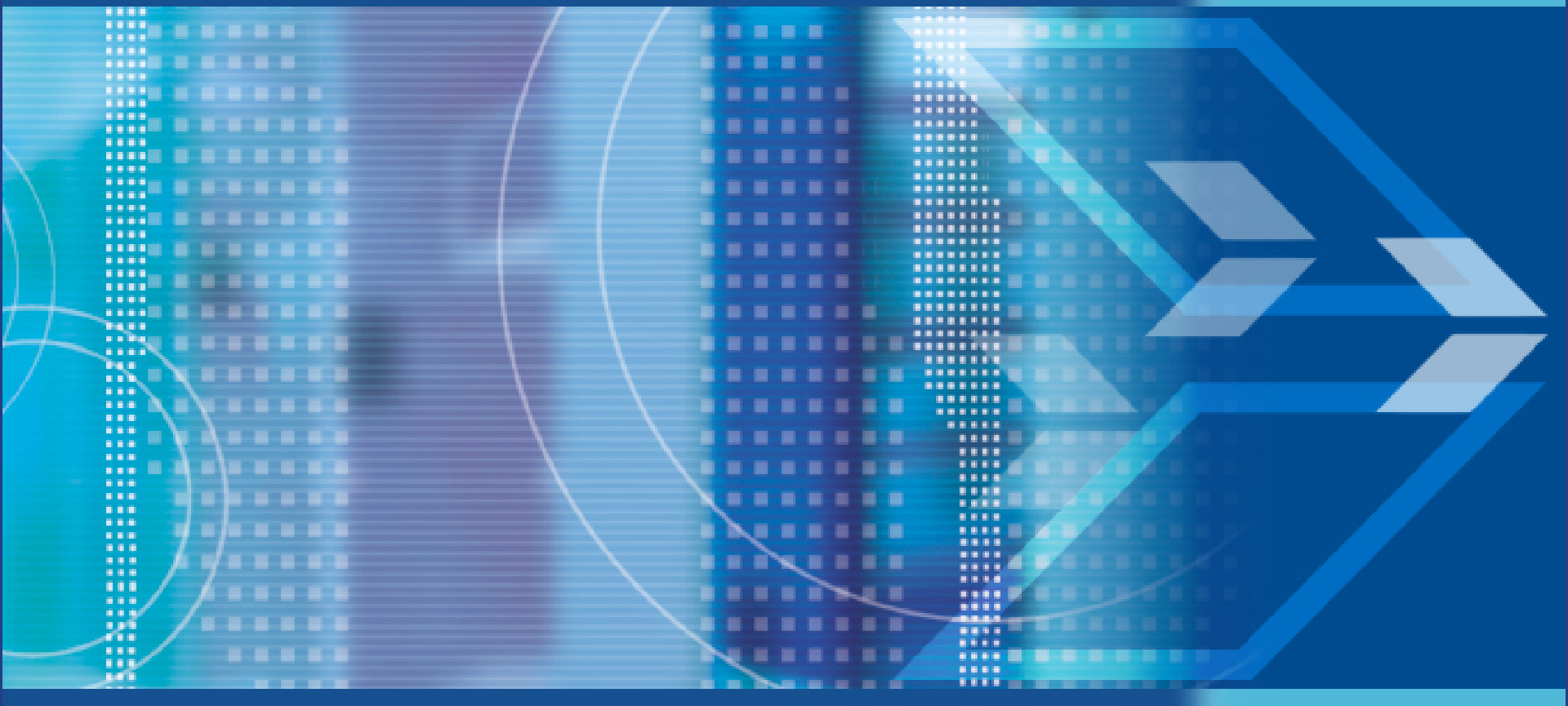


Wink, inc. VoIP and Wireless VoIP



Thomas Burgos
Chairman



Outline

- International Telecommunications Union (ITU) Next Generation Network Definition
- Overview and Summary
- Primer – Global Information Highway
- The Current State of Global Telephony & Wireless
- The New Voice Over Internet Protocol (VoIP) Telephony
- A Mature Technology
- Historical Public Switched Telephone Network (PSTN) Telephony
- **Natural Solutions** to Evolutionary Change
- VoIP Telephony & Wireless over VoIP
- Business Opportunity for *WInk, inc.* Wireless and Telco Partners

ITU definition of a Next Generation Network

WInk, inc is a “Next Generation Network” [NGN] is based on Internet technologies including Internet Protocol (IP) and Multiprotocol Label Switching (MPLS). At the application level, Session Initiation Protocol (SIP) seems to be taking over from ITU-T H.323.

According to the ITU-T, the definition of an NGN is:

- A Next Generation Network (NGN) is a packet-based network able to provide services including Telecommunication Services and able to make use of multiple broadband, QoS-enabled transport technologies and in which service-related functions are independent from underlying transport-related technologies. It offers unrestricted access by users to different service providers. It supports generalized mobility which will allow consistent and ubiquitous provision of services to users.
... AND IT IS AFFORDABLE BY THE MAJORITY!

NGN's architecture allows decoupling the network's transport and service layers. This means that whenever a provider wants to enable a new service, they can do so by defining it directly at the service layer without considering the transport layer - i.e. services are independent of transport details.

ITU definition of a Next Generation Network

For voice applications, one of the most important devices in an NGN is a Softswitch - a programmable device that controls Voice over IP (VoIP) calls. It enables correct integration of different protocols within the NGN. The most important function of the Softswitch is creating the interface to the existing Public Switched Telephone Network (PSTN) through Signaling Gateways (SG) and Media Gateways (MG). However, the use of the term Softswitch may be defined differently by different equipment manufacturers and have somewhat different functions associated with them.

One may often find the term Gatekeeper in NGN literature. This was originally a VoIP device, which converted (using gateways) voice and data from their analog or digital switched-circuit form (PSTN, SS7) to the packet-based one (IP). It controlled one or more gateways. As soon as this kind of device started using the Media Gateway Control Protocol (MGCP), its name was changed to Media Gateway Controller (MGC).

A Call Agent is a general name for devices / systems controlling calls. The IP Multimedia Subsystem (IMS) is a standardized NGN architecture for an Internet media-services capability defined by the European Telecommunications Standards Institute (ETSI) and the 3rd Generation Partnership Project (3GPP).

A NGN's Fundamental Aspects

- Packet-based transfer
- Separation of control functions among bearer capabilities, call / session, and application / service.
- Decoupling of service provision from network, and provision of open interfaces.
- Support for a wide range of services, applications and mechanisms based on service building blocks (including real time/ streaming/ non-real time services and multi-media).
- Broadband capabilities with end-to-end QoS and transparency.
- Interworking with legacy networks via open interfaces.
- Generalized mobility.
- A variety of identification schemes which can be resolved to IP addresses for the purposes of routing in IP networks.
- User perceived Unified service characteristics for the same service.
- Converged services between Fixed / Mobile.
- Independence of service-related functions from underlying transport technologies.
- Compliant with all Regulatory requirements, for example concerning emergency communications and security / privacy, etc.

Overview – Global Telephony at a Glance

- (A) Global telephony is a US\$1.3 trillion industry with an Annual Growth Rate (AGR) increasing by up to 2%.
- (B) 10% of revenues are represented by Internet Protocol (IP) Telephony with a 69% AGR penetration into global telecommunications products and services – currently \$133B.
- (C) 5% of global revenues are Voice over Internet Protocol (VoIP) long distance telephony with a 75% AGR – currently \$67B.
- (D) 35% of global revenue is represented by wireless telephony products and services with a 14% AGR – currently \$469B.
- (E) 30% of “world” wireless customers represent 50% of the revenues to wireless carriers globally – currently \$70B.
- (F) World wireless customers require ubiquitous access to wireless networks globally. They typically use multiple mobile phones and service plans to avoid excessive roaming charges.
- (G) All wireless and fixed line telephony customers require ubiquitous long distance access to the global telecommunication’s networks.

Customers want Service.. not Infrastructure.

“Some companies have figured out that the network doesn’t matter anymore.”

“For the last 100 years, Telco's have believed that their business was owning and operating a complex mesh of wires and switches.”

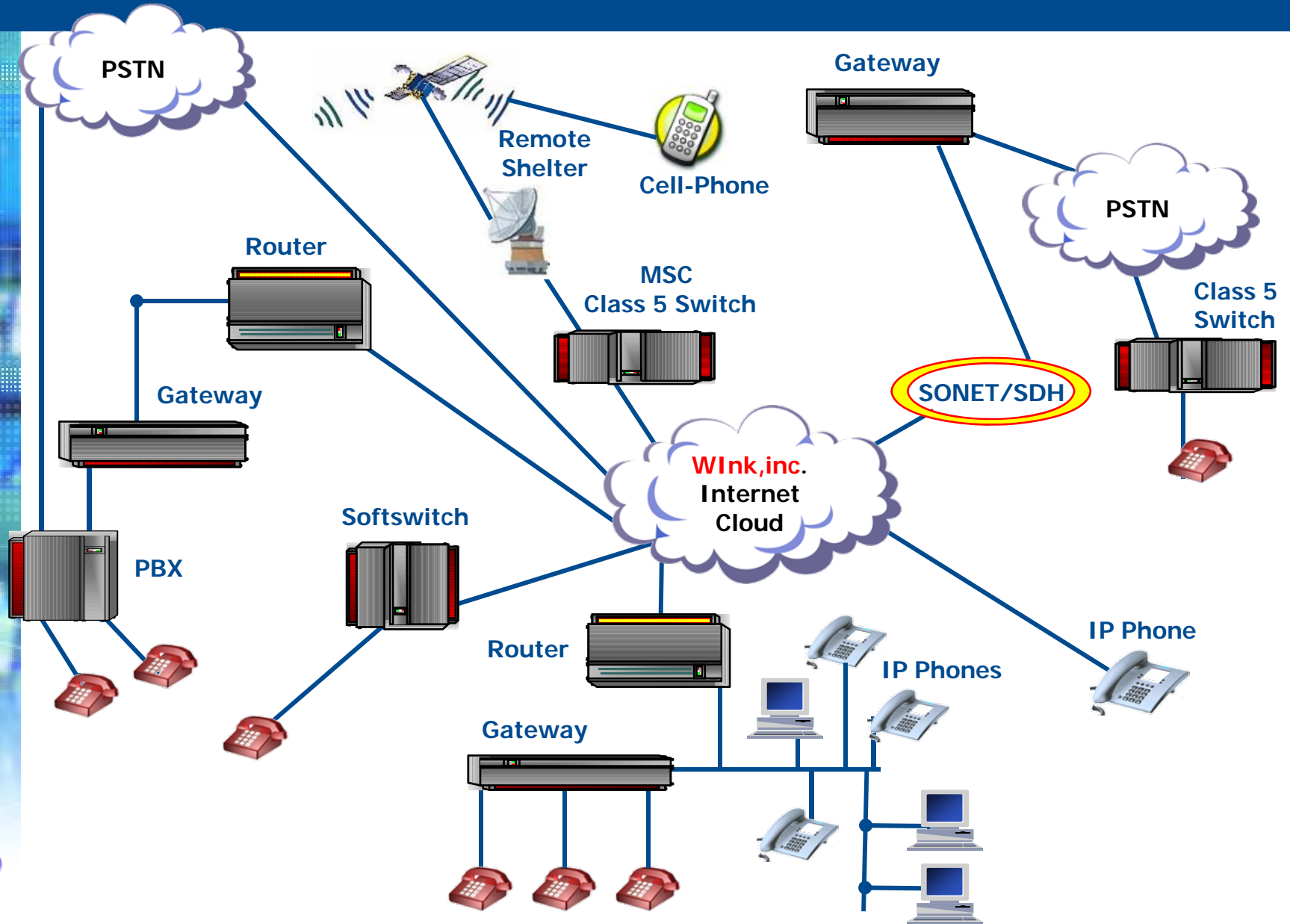
“ Now,... they’re beginning to realize that their true job is helping people communicate.. and their focus has to shift from managing infrastructure to making sure customers are satisfied.”

(Business Week, October, 2003)

Wink, inc. Capabilities



Wink, inc. Network Capabilities



Wireless over VoIP – Phase I

- * To provide a complete end-to-end telephony solution, **WInk, inc.** has developed a comprehensive wireless telephony business solution to augment its VoIP core telephony products.

Phase I – Initial Revenue Generating Rollout

- (1) Provide wireless pre-paid services as a mobile services reseller but uniquely providing its services over the GPRS Channel or data channel of an existing wireless network. This evolutionary use of the data channel permits the Company to provide cellular VoIP unlimited usage within the operating geographic region, and when coupled with a generous daily international long distance plan, the combined mobile telephony service can be provided to the end user for a very reasonable and affordable price point.
- (2) Utilize a patented product by one of the Company's strategic partners for its mobile handsets that doubles the power output of the handset while virtually eliminating the radiation - measured as the specific absorption rate (SAR) - thusly, providing better human healthy QoS and reducing attempted call and dropped call rates.

Product Description

PATENTED DIRECTIONAL HANDSET ANTENNAS

Takes power emitted in a 360° arc surrounding the phone & redirects it 180° away from the user

FULLY TESTED & PROVEN IN CARRIER NETWORKS & FCC & CTIA CERTIFIED LABS

Added 4.5 dB (3 dB is twice the power) for the carrier network to use.
T-Mobile USA

Tests showed reductions in handset radiation absorbed by the body up to 99.7%.

FCC Laboratories, Washington DC

Tests proved total handset power to carrier networks was doubled.
ETS Lindgren, a CTIA certified lab

Eliminated radiation induced noise in the hearing aids tested.
Starkey Laboratories, world's largest manufacturer of hearing aids

Wink, inc.'s Opticell Infrastructure



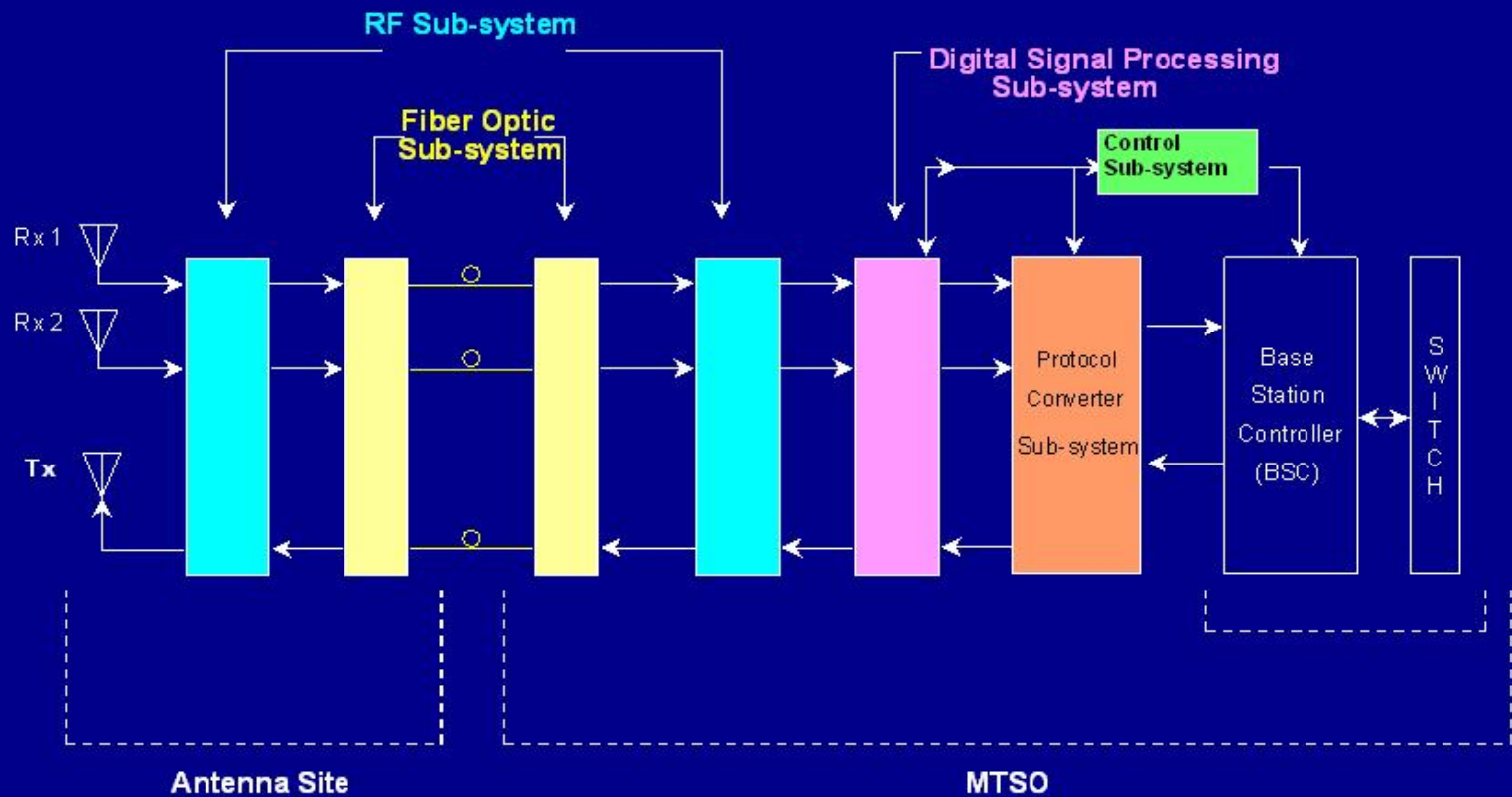
Centralized Wireless Infrastructure

| SUB-SYSTEM | FUNCTION |
|----------------------------|--|
| ■ Radio Frequency (RF) | Up/Down Converts signals at the antenna |
| ■ Fiber Optic | Transports signals between Antenna & MTSO |
| ■ Digital Signal Processor | Allocates Portions of the Spectrum Based on Demand |
| ■ Protocol Conversion | Interfaces Baseband to Through-the-Air Protocol |
| ■ Control | Manages Spectrum/Protocol Assignment |

Wink, inc.'s Opticell Simplified

OPTICELL

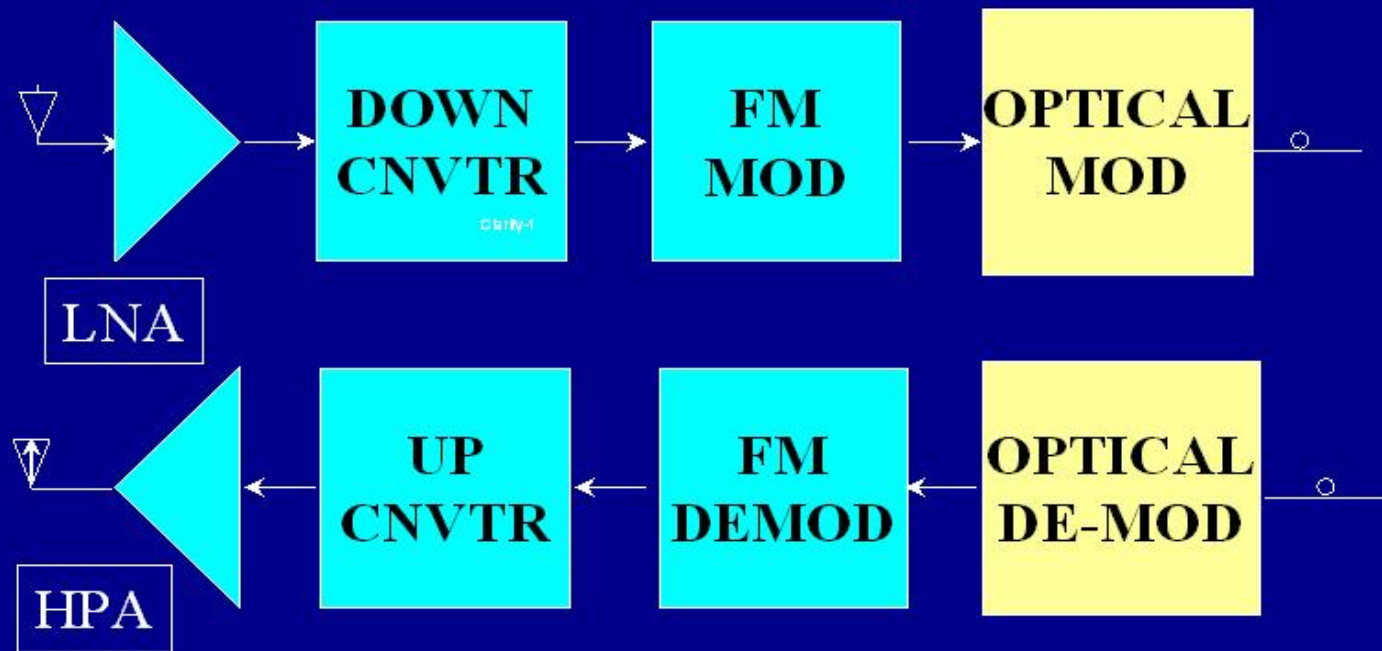
Simplified Architecture



Wink, inc.'s Opticell Cell Site Changes

OPTICELL

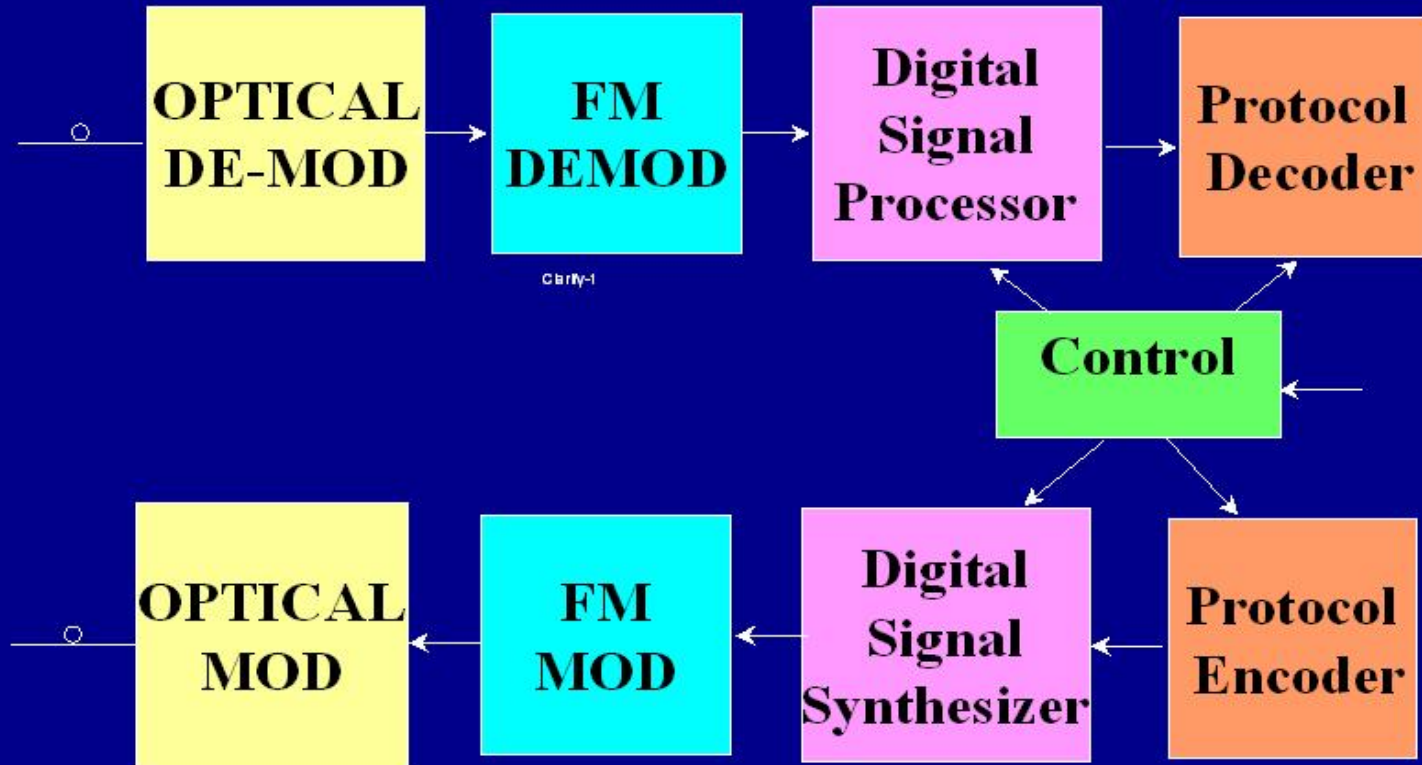
Antenna Site



Wink, inc.'s Opticell Central Offices Changes

OPTICELL

Central Site



Wireless over VoIP – Phase II

Phase II – Wireless Infrastructure Buildout

- ** **Wink, inc.** puts to work its 30,000 patents worldwide on a product line called OPTICELL.
- (1) **Wink, inc.'s** OPTICELL Product has the capabilities to support all forms of wireless technologies that exist today, such as GSM, CDMA, TDMA, Wi-Fi, Wi-Max and others, or any future wireless technology, and process them over its integrated system in addition to providing comprehensive bandwidth management. **Today's technology can only handle ONE of the above standards.**
- (2) **Wink, inc.'s** OPTICELL Product provides true bandwidth on demand and will provide any necessary bandwidth required to meet the customer's needs. If a customer is a cellular user and they require and have contracted for 10KB, they will be assigned 10KB. If a customer requires and has contracted for 100MB, they will be provided 100MB, this is all handled systematically in real time with no human intervention required. **Today's technology can only handle 56KB and cannot provide Bandwidth on Demand.**

Wireless over VoIP – Phase II .. (continued)

- (3) **WInk, inc.** uses its own evolutionary core VoIP and wireless switching platforms that provide in excess of 3 times the standard feature set that modern legacy style telephony switches do.
- (4) **WInk, inc.** Radio Base Stations (RBS) are deployed using shipping containers that exceed environmental requirements for hardware and software for quick deployment and cost reduction. An average fixed location legacy cellular transmission site costs about US\$1.7M for deployment. With the use of OPTICELL and uniquely designed shipping containers, the Company will see costs reduced to US\$300K per RBS site with the greatly added benefit of RBS site mobility previously unheard of in the industry.
- (5) **WInk, inc.** uses IP Low Orbital Satellite services to meet remote customer requirements creating an end-to-end mobile ubiquitous communications platform globally available to anyone.
- (6) **WInk, inc.** employs best of breed technical and engineering mechanisms that ensure that rigid self-imposed standards for Quality of Service (QoS) are maintained and adhered to.

Remote Radio Base Stations for WOW

One of the major elements of uniqueness of **WInk, inc.** Wireless is the capability to provide Wireless Services anywhere in the world through its Self Contained Radio Base Station. (SCRBS)

- During 2004 – 2005 **WInk, inc.** conducted tests with an Aeroclave with remote transportable wireless, VoIP, Data and broadband capabilities.
- Those tests were quite successful in that **WInk, inc.** sister company, Global IP Services, Inc was granted a worldwide contract.

What did the tests prove?

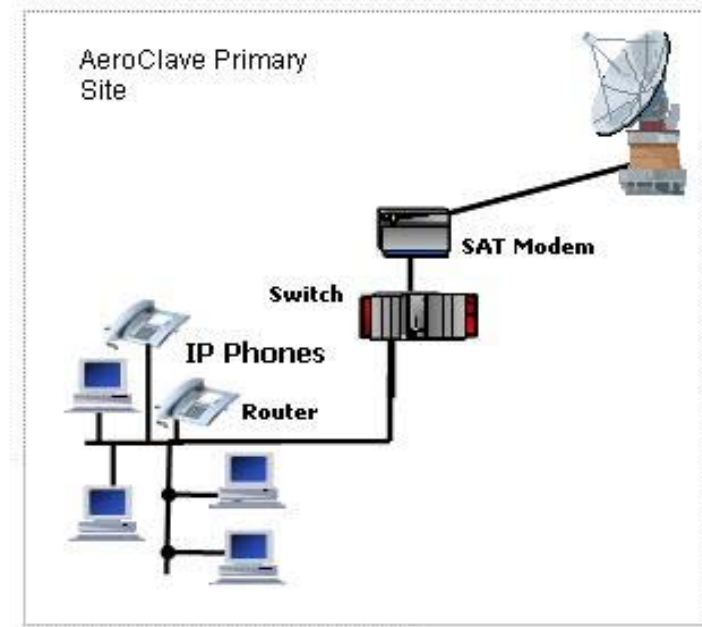
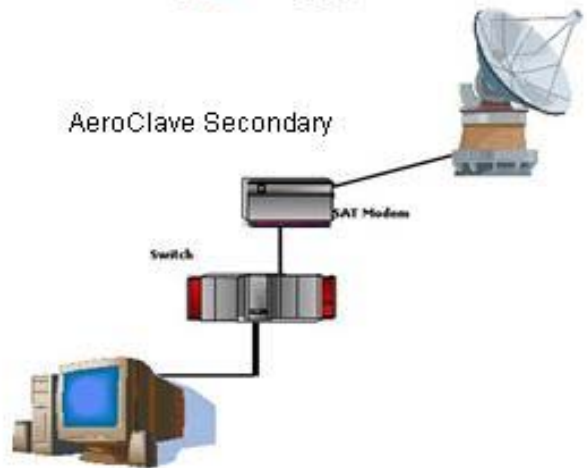
- That the remote radio base station capabilities is possible with 99.9% quality levels.

Remote Access Network

AeroClave Private Network with Broadcast Capability



AeroClave Secondary



Satellite Remote Applications

- **High-Speed Two-way Broadband Internet Access**

- IPA Connects Customers Directly to a multi-homed Tier one Backbone Including Uninet, TWT, Netifice, Quest, Genuity and Sprint. IPA offers MPLS and other IP VPN solutions which eliminate the costs associated with private lines and local loops. AS#25625

- **Configurable BWs for Both Upstream and Downstream**

- **Coverage**

- Currently Available in North America, Central America, South America, Europe, North Africa, South Africa, Australia, and Middle East

- **99.9% Network Availability Guarantee**

- SLA Contracts

- **24X7 Proactive Network Monitoring**

- Fully Functional NOC

- **Hosting Capability**

- Web Servers, Content Servers, Etc.

"Optical Speed With Wireless Freedom"



Wireless over VoIP – Customers

Q. Who are the customers for this evolutionary wireless service?

A. Almost any wireless customer in the world that wants no contract, better network service, unlimited calling, better customer service and a radiation free phone plus International calling as a bonus.

- CTIA, The Yankee Group, Consumer Reports and others have all published articles with documented research that 50% of wireless customers are dissatisfied with their existing wireless provider.

The main reasons for their general dissatisfaction are:

- Cost
- Contracts
- Poor Network Service
- Poor Customer Service

** And in most countries wireless customers are not truly informed of the health hazards associated with existing cellular handsets.

Wireless over VoIP – Customers .. (continued)

*** **WInk, inc.** introduces its first Point-of-Presence (POP) in the Americas with an initial targeted clientele consisting of the following:

- (a) 75 Million underserved or poorly served customers in the USA. These customers are those who can not pass a satisfactory financial credit score. The existing wireless providers do not want to service them since they will upset their churn rate (customer movement statistics attributed by disconnecting, moving or not recharging) and Wall Street would punish these providers with respect to the investing public.

WInk, inc. has partnered with a Stored Value/Debit Card provider that will provide these customers a Stored Value/Debit Card with many financial feature benefits in addition to being the Company's collection processing center for this type of customer.

So, **WInk, inc.** provides a phone in the box with a Stored Value/Debit Card and cellular phone, providing both a wireless communication and financial services solution to this type of customer.

Wireless over VoIP – Customers .. (continued)

- (b) In the Americas, there are 80 Million dissatisfied customers with existing wireless providers for Quality of Service, poor customer service, rigid contract terms and conditions, and other issues.
- (c) With the opening of every new POP around the globe, new business opportunities arise for that region and the wireless user public needs and requirements of that regional customer base will be addressed and capitalized on as required.

**** One of **WInk, inc.'s** key ingredients to success is its Customer Care Support Program which is facilitated by Customer Advocates. These are homebound agents or selected Call Centers that are compensated based on their performance statistics relating to customer retention and overall customer satisfaction. The Customer Advocate is the single point for all activations, customer care issues and tier one technical support events, and will be assigned to a customer for the duration of the customer's service contract with the Company.

Wink, inc. Wireless – Summary Plan

Wink, inc., and those with similar existing business models, are in a very unique and advantageous position to help lead the Telecom industry back to a state of profitability and stability.

- (A) The Company has over 2 billion minutes per month of purchase requests from participating telecommunication carriers and 260,000 handset and service deliver contracts -> up to US\$30M per month net profit potential from current sales opportunities.
- (B1) “Best of Breed” industry sector capital equipment and evolutionary patented wireless technologies, and;
- (B2) contractual obligations are ready to be undertaken to help ensure the successful implementation of this business model.
- (C) Operational procedures and best practices policies have the benefit of 100+ years of telecommunications wisdom and experience.
- (D) New policies and practices are by agreement with participating telecommunications carriers having a focus to mutually cooperate.

WInk, inc. Wireless – Risk Minimization Factors

WInk, inc. minimizes certain risk factors by:

- (E) A unique, systematic and engineering approach to solving many of the VoIP industry's problems.
- (F) A strategic use of leading edge autonomic and adaptive technologies to safeguard business operations, ensuring seamless continuity of product delivery and customer satisfaction providing real-time feedback and analysis of administrative and technical systems at all levels of business.
- (G) Vendor liable Service Level Agreements (SLAs), to help ensure the overall success of the Company's business model.
- (H) Carefully monitoring industry trends, developments, and the emergence of new protocols, **WInk, inc.** recognizes that a commitment to innovation is a commitment to its customers and partners.
- (I) Tight financial controls provided through a trusted global banking partnership.

Wink, inc. Wireless – Keys to Success

Wink, inc.'s main keys to success include:

- (J) Founding principals and senior officers with more than 500 years combined technical and senior management experience in Telecommunication, Networking, Administration, Financial Management and related industry sectors.
- (K) Single pool of capital assets and hands-on expertise in carrier-to-carrier long distance arbitrage that also supports multiple revenue generation opportunities, which include virtual IP services (Softphone), enhanced IP telephony services and enterprise gateway services.
- (L) Its pre-qualified prospect and contact portfolio that currently generates well in excess of the planned capacity of Wink, inc.'s global network for the first 12 months.
- (M) A unique and proven systematic approach to engineering Wink, inc.'s overall service and product suite.
- (N) International pre-paid capital escrow account and financial management controls provided by an international banking group and global banking partners.

Wink, inc. Wireless – Summary Benefit

Wink, inc. Wireless Network has:

- (O) Exceptional customer service aimed at being the best in the business. With 24/7 hands-on management, unencumbered by union agreements prevalent among existing carriers, **Wink, inc.** cuts the red tape and in most cases can have the new clients provisioned, tested, and online in less 24 hours.
- (P) A global approach to the systematic design and implementation of supporting services and product suite, with a global network methodology that emphasizes redundancy at all levels of function and operation.
- (Q) Optimal leverage of Strategic Partnerships with best-of-breed industry players to build and enhance the Company's product portfolio, world-class quality of service and support through strategic Service Level Agreements with the Company's partners to ensure product performance meets the Company's standards of excellence.
- (R) Network equipment and supporting software from proven world-class best-of-breed manufacturers.

WInk, inc. Wireless – Summary Benefit

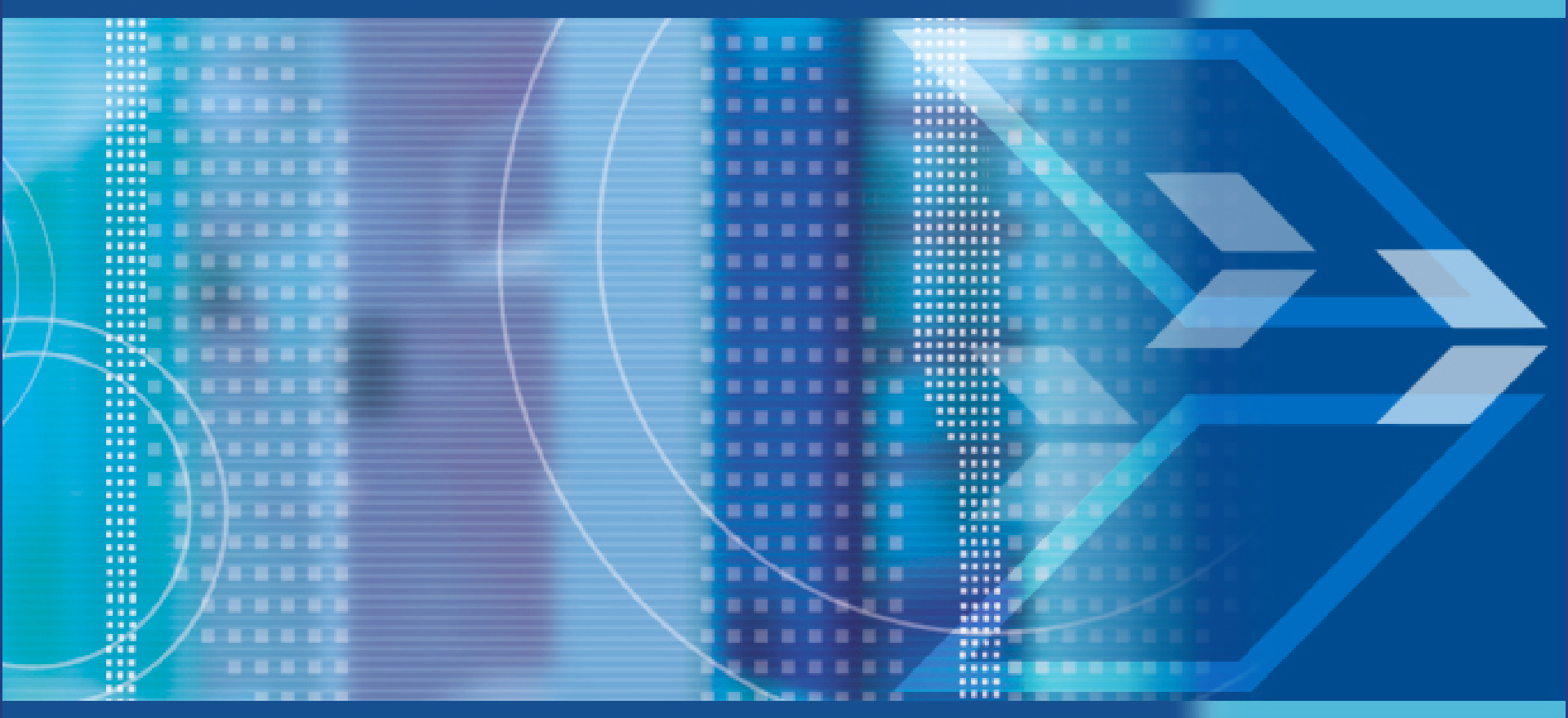
WInk, inc. Wireless also has:

- (S) Autonomic, adaptive integration and “self healing” technologies safeguarding its technical systems and functional business models.
- (T) Sales related exceptional time management, follow up, and follow through to exploit its innovative, proven approach to harvesting pre-qualified prospects and contacts.
- (U) Using the successful Bell System Standards of under-subscribing the Network to provide the competitive edge to the Local Wired Network with our Private IP (wireless) solution using IP Softswitching and Radio Base Stations decreasing costs by 70%.
- (V) **WInk, inc.’s** clients receive superior quality and services over and above today’s current standards and at reduced rates.
- (W) **WOW Communications:** Wireless Operations Wherever, Connecting the World.

Wink, inc.'s Strategy

- Partner with Public Switched Telephone Networks (PSTNs) to provide VoIP Long Distance.
- Partner with PSTN's or Regional Service Providers (RSP) to provide VoIP services
- Partner with existing Cell Providers where possible if not, create our own business.
- Provide funding for evolving Regional Service Providers.
- Create at least one POP per region
- Provide funds for the build-out of the networks.
- **Wink, inc.** will provide the know how, the technology and best practices for regional and worldwide quality of service's
- Exclusivity will be provided to partner's as long as they continue to meet quality and service offerings.
- Provide partners all evolving products that will be introduced in the future such; non-radio frequency technology and self healing network capabilities.
- BASICALLY CREATE A **WOW** NETWORK!

Thank you



Wink, inc. for Customer Satisfaction
WOW: Wireless Operations Wherever and
Connecting the World

