




iPhotonix Overview

iPhotonix is driving the future integration of your access network and your business. By transforming the concept of “access” to People & Things accessing the cloud and each other you can see the possibilities in a new light. iPhotonix will lead this evolution to enable you to Access the Future. Our team of experienced telecom engineering professionals has world-renowned knowledge of Fiber Access Technologies spanning multiple generations in integrating true carrier-grade features delivered over the range of Passive Optical Networks (PON).



The Future of Your Business

Virtualization and open source evolve your business as well as your network. An iPhotonix access network delivers intrinsic flexibility, simplicity of management and new compelling economics giving you a foundation that support your business objectives. With iPhotonix virtual access system your business will be rewarded with **financial strength**, **brand preference** and **organizational velocity**.

 <p>Financial Strength</p> <p>Earn your fair share of the value chain. Get new revenue opportunities (Retail & Wholesale) and new efficiencies in idea-to-revenue and OPEX across the board.</p>	 <p>Brand Preference</p> <p>The trusted brand for residential subscribers including IoT and Smart Home services. CPE becomes your strategic foundation for people & things. End-to-end security designed in.</p>	 <p>Organizational Velocity</p> <p>Lightning speed from Idea to Revenue. You can change your access network fast to adapt to demand and manage access network with LAN simplicity.</p>
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The Future of Your Network

The future of your access network will ensure you to garner your fair and equitable share of the end-to-end value chain. You’ll experience a simplification of the complexities of the access network while meeting your scale, large or small, and availability demands. Business ideas turn

in to revenue at lightning speed and unforeseen efficiencies will be realized from beginning to end. All this on an access network architecture built upon COTS hardware (x86) and open source software and managed with LAN simplicities.

 <p>Multi-Architecture Supports all current and future optical access architectures (GPON, EPON, NG PON 2, RFOG and beyond). Supports all home networking standards.</p>	 <p>Single Management System Single management experience for all networks and all subscribers. Manage access network complexities with LAN simplicity and IT workforce.</p>	 <p>End-to-end Operational Simplicity Common OAM&P Methods and Procedures across your entire access network footprint. Minimizes PON complexities and overhead of proprietary solutions.</p>
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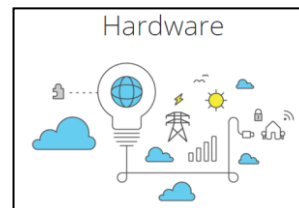
Begin Your Journey Today!

Today's Software from iPhotonix: iPhotonix iVN is a complete virtual access network that symbiotically supports CSP's business drivers. iVN includes the access network operating system and the management and orchestration system (MANO) all running on COTS x86 servers and bare metal Ethernet switches. iVN gives the communication service provider the access network of the future, today. With iVN CSPs can visualize and manage their entire access footprint with Ethernet LAN simplicity. iVN is a true virtualized access network architecture that enables new end-to-end access paradigms, operational efficiencies and simplicities.



The **iPhotonix GSX 100** Universal Access Software offers the most comprehensive set of access network and home networking interfaces and features a CSP needs to support their full range of services and access networks. With the industry's most complete family of CPE the CSP can provide each diverse home with the right set of features and interfaces all with a common software base. GSX 100 gives the CSP common open source code for all CPE models providing inherent flexibility and management simplicity.

Today's Hardware from iPhotonix: Communication Service Providers (CSPs) serve hundreds to millions of homes and businesses. In the past, CSPs had to select a small number of CPE configurations due to operational and management complexities and hope they had the right configuration to provide the quality of experience their customers demanded. To address this challenge iPhotonix offers the industry's most comprehensive family of ONTs, CPE and residential gateways. Our growing list of configurations has over 40 standard models, all based on leading COTS silicon and running a common open source software base, that support a huge range of



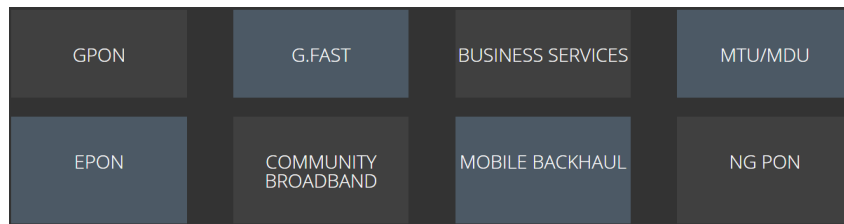
access network and home network standards with inside, outdoor, MDU, SMB and hospitality models available.

Hardware Highlights

- Access Network Interfaces supported: GPON, EPON, Active Ethernet, RFOG, and g.fast
- Home Networking Interfaces supported: Ethernet, Wi-Fi, MoCA, HPNA, Powerline
- Deployment Scenarios Supported: Single family homes, MDUs, small business and hospitality.
- Models are available in indoor and outdoor configurations.

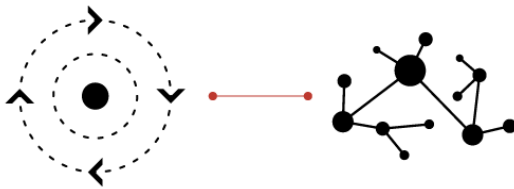
Applications Supported

The iPhotonix Virtual Access System comprised of iVN, GSX-100 and the most comprehensive family of CPE enables the Communication Service Provider to support their entire range of deployment scenarios. Now CSPs can deploy one access architecture that supports all of their residential and commercial subscribers with their full range of today's communication services with the flexibility and openness to rapidly support their future.



Evolution to the Future

iPhotonix solutions enable you to gracefully evolve from today's installed base of central office equipment, outside plant, CPE and management systems to a future based on multi-vendor COTS




hardware and open source software managed with LAN simplicities. Our solutions enable you to access the future at your own pace leveraging your current access network deployments. With designed-in flexibility you will now be able to make green- and brown field deployment and upgrade decisions on a

neighborhood-by-neighborhood basis. Utilizing advanced virtualization techniques your iPhotonix-driven access network will enable new levels of efficiencies, flexibilities and performance that accelerate your business objectives.

Let's start your evolution to the future today. Contact us to begin your journey.

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