



Advanced Technology and Solutions

IP Communications

At **xwave** we offer clients the ability to create a single converged network to carry both voice and data traffic for their organization. A converged IP Communications network allows clients to reduce the Total Cost of Ownership (TCO) of their IT environment and increases operational efficiencies. Our IP Communications service is Voice over IP, and a whole lot more!

Solution

Most clients operate at least two networks to maintain their business; a voice network for telephones, and a data network for connecting computer infrastructure. With the advent of IP Communications (VoIP) technologies, these investments can be combined and managed together to achieve greater economies of scale, as well as open up a whole new world of voice communications services.

Voice and data network infrastructure and circuits represent significant operational costs to the IT organization. This includes direct costs for hardware purchase, monthly circuit costs, long distance, voice mail, etc., as well as costs for moves/adds/changes for keeping the organization's telecommunications system in line with the organizational changes.

Creating a converged voice and data network, coupled with new technologies from industry leaders such as Cisco® systems, makes it possible for the IT organization to reduce operational costs while creating new services for the organization.

xwave's IP Communications service offering is comprised of three phases:

1. Opportunity Assessment

The IP Communications Opportunity Assessment phase provides a high-level sizing of the cost savings and cost

avoidance opportunity and identifies key operational impacts that must be considered in developing an IP Communications project.

2. Blueprint phase

The IP Communications Blueprint phase provides a structured roadmap of how to move from existing diverse networks to a converged network. This includes convergence strategy development, tasks and milestones, and implementation planning information, such as resource requirements, timelines and cost estimates.

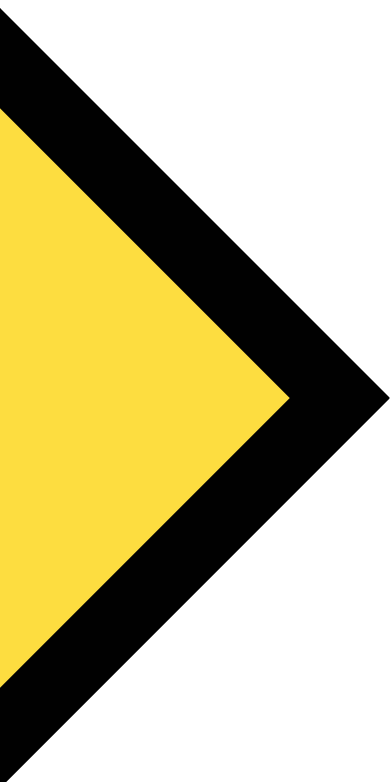
3. Implementation phase

The IP Communications Implementation phase comprises a significant number of primary project elements, starting with detailed design and finishing with implementation of the project. Within the Implementation phase activities are undertaken to design, test and implement the core network and supporting infrastructure design, and migrate users to the new converged system.

xwave's IP Communications service focuses on the business and technical issues facing your organization by ensuring that IT allows your organization to reach its business objectives, not just technical goals.



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Benefits

Organizations must look for efficiencies within their existing operations, while at the same time increasing services delivered to internal clients. An effectively developed and executed IP Communications strategy allows an organization to reduce costs while delivering new services such as:

- Multi-media conferencing
- Integrated e-mail and voice mail systems
- Location independent voice services
- Priority network communications
- Distributed call management

By leveraging its extensive track record in IP Communications projects, along with its partnerships with leading industry vendors, **xwave** provides a proven methodology for designing and implementing a converged voice and data environment. **xwave** brings a wealth of expertise and experience in implementing these environments to ensure clients can maintain service levels while taking advantage of the cost savings, enhanced services and increased flexibility IP Communications provides.

Methodology

xwave uses its proven methodology to conduct and deliver on the project. During the Opportunity Assessment phase, **xwave** uses its combination of technical expertise and operational experience to identify the target design and the operational cost savings and cost avoidance opportunities. For the Blueprint phase of the project, the firm uses a four-stage approach to ensure all relevant business and technical information is captured and incorporated into the plan. For implementation, **xwave** includes design, testing and implementation activities to ensure a smooth transition to the new environment.

Results

Upon completion of the IP Communications project your organization will have a converged voice and data network that is flexible, scalable, and manageable. As well, all documentation from the detailed design, testing and implementation phases becomes the property of the client.

Summary

xwave offers clients the ability to create a converged voice and data network environment using a proven methodology. This allows clients to achieve savings in overall TCO for their IT environment, and increase the value they receive from their investment in IT infrastructure. In addition, **xwave** can customize the scope and activities included in order to meet the needs of your organization, regardless of size.

About xwave

xwave is a business solutions provider with 1500 professionals in locations across North America.

xwave offers services in three key areas: Integration, Infrastructure and Fulfillment Solutions. We are focused on providing end-to-end solutions from systems integration and software engineering, right through to infrastructure services and product fulfillment.

For more information:

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