



Business Vision
Real-World Results



Practice Areas - Technical

Infrastructure and Technology

The Avistas concept of "infrastructure" is broad, in that all common services should be managed within the infrastructure, including, wire and cable, local and wide area networking, servers and operating systems, storage arrays and database management. It also includes performance and failure management and change management. These infrastructure services then support the application and the related business databases.

We have expertise in a range of technologies to support our clients effectively as they change and grow, including the following:

- ▶ [Architecture and Design](#)
- ▶ [Server and Storage Consolidation](#)
- ▶ [Integrated Networking and IP Convergence](#)
- ▶ [Wireless Networks, Device and Application Integration](#)
- ▶ [Telecommunications System Design and Optimization](#)
- ▶ [Voice and Video over IP](#)
- ▶ [Audio/Visual Requirements and Design](#)
- ▶ [Information Security, Access Control and Building Management Systems](#)
- ▶ [Data Center Requirements and Design](#)
- ▶ [Call Center Systems Integration and Consolidation](#)
- ▶ [Business Continuity and Disaster Recovery](#)
- ▶ [Project Management](#)

[Architecture and Design](#)

An effective architecture can support a wide variety of applications and databases with a common, standardized hardware and networking design. Simplicity is the watchword, to minimize the support resources required for the systems.

[Server and Storage Consolidation](#)

Virtualization of both processing and storage has afforded several of our clients the ability to continue to grow capacity in limited space. A common hardware base with virtual servers and storage also makes it easy to create new operating environments for testing or development and to rebuild and reproduce a data center after a major disaster.

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Integrated Networking and IP Convergence

Ethernet and the TCP/IP protocol are rapidly evolving into the long term integrated network to support communications of data, voice and video traffic and allow easy straightforward communications among applications.

Wireless Networks, Device and Application Integration

As end user devices become more varied – from PCs to notebooks to handhelds to cell phones, delivery of applications interfaces to users and management of end user devices becomes more critical. Avistas understands these requirements and techniques and can help you manage your complex environment.

Telecommunications System Design and Optimization

Integrated communications systems require significant planning and administrative expertise, both for large, single location systems and for multi-location designs. Avistas has extensive experience in such systems.

Voice and Video over IP

Avistas has decades of experience in Interfacing existing voice and video systems and migrating them to Voice and Video over IP networks.

Audio/Visual Requirements and Design

Effective marketing and executive communications depends more and more on sophisticated presentation techniques and integrated data analysis. Avistas understands the complexities of today's executive presentation systems.

Information Security, Access Control and Building Management Systems

Security must be managed at multiple levels in today's environment. Digital information must be protected from both unauthorized electronic access and from physical access. End user access must be authorized according the needs of the users and the required business and regulator protections.

Data Center Requirements and Design

Increasingly dense server and storage systems in today's data centers is creating power and cooling design issues that must be carefully addressed to assure long term stability of systems. Avistas understands these issues for many data center design and implementation projects.

Call Center Systems Integration and Consolidation

Customer support and contact centers are critical to long term revenue growth and profitability in today's organizations. Integration of human agents, web access to services and provisioning of automated customer contact systems are all required to minimize costs and assure customer satisfaction.



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Business Continuity and Disaster Recovery

Natural disasters and serious systems failures require that electronic information be protected from loss and that applications continue to provide services to the users. Avistas has developed a number of business continuity and disaster recovery plans to meet the needs of multi-national organizations and smaller, single location organizations.

Project Management

Complex technical projects required effective and focused project and program management. Avistas professionals have the knowledge and experience to manage your project and teach your staff to manage projects.

Avistas Practice Areas

Management

- Business Intelligence
- Project Portfolio Optimization
- Change and Asset Management
- Human Capital
- Acquisition, Mergers and Divestitures
- Governance and Compliance
- Business Process Optimization
- Services Delivery Management

- Knowledge Performance Management
- Program, Project and Product Management

Technical

- Application Integration
- Infrastructure and Technology
- Development Support

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