

We architect IT.

BEST-PRACTICE ARCHITECTURE SERVICES—NO MATTER HOW TOUGH IT IS

A COMPLETE IT SOLUTION INCLUDES BOTH AN ARCHITECTURE AND AN IMPLEMENTATION. OUR TEAM AT CORPORATE TECHNOLOGIES IS FULLY CAPABLE IN BOTH OF THESE AREAS, AND THIS DOCUMENT FOCUSES ON OUR ARCHITECTURE ABILITIES. BEFORE CORPORATE TECHNOLOGIES RECOMMENDS AN IT APPROACH, WE WORK CLOSELY WITH EACH CLIENT—IF THEY DESIRE—TO ARCHITECT THEIR SOLUTION AND DEVELOP AN OPTIMUM BLUEPRINT THAT WILL SATISFY THEIR SPECIFIC NEEDS. WE FULLY ANALYZE EACH CLIENT'S BUSINESS DRIVERS, TAKING INTO ACCOUNT BOTH APPLICATION AND INDUSTRY REQUIREMENTS. WE IDENTIFY OPPORTUNITIES WHERE WE CAN CREATE COST SAVINGS. AND WE PLAN FOR POTENTIAL GROWTH REQUIREMENTS. FINALLY, WE ENSURE THE TECHNOLOGY WE RECOMMEND FULLY COMPLEMENTS THAT ALREADY INSTALLED.

Creating the best architectural solution requires a broad spectrum of knowledge and experience. Corporate Technologies has a long track record of applying its field-proven abilities in understanding the unique needs of our clients and using that understanding to develop the most suitable architecture. We also have the implementation and conversion expertise to help our clients make the new architecture a production reality.

AREAS OF CONSIDERATION

Many factors come into play when designing a next-generation architecture. Each site, company, and circumstance may vary, involving more—or fewer—factors. Plus, specific factors can vary in importance, which the new architecture must always reflect. We typically consider the following:

- Current infrastructure
- Growth requirements
- Cost limits
- Total cost of ownership
- Return on investment
- Performance, reliability, scalability, manageability, footprint, power and cooling requirements
- Disaster recovery and business continuance requirements
- Migration effort
- Timeframe for deployment or migration
- Staff size and knowledge
- Applications that run on the infrastructure

Through Corporate Technologies' architecture consulting service, we can provide a completely new IT design or produce a design based on upgrading your current infrastructure. While some clients need all aspects of their infrastructure evaluated, others need only a specific area addressed and improved. Areas covered in our architecture consulting practice include:

- Security
- Systems
- Storage
- Backup and Restore
- Disaster Avoidance and Recovery

Because we are experienced in and knowledgeable about so many different technologies, we offer clients a unique holistic view of their IT assets. Even when architecting a point security solution, for example, we understand its implications for storage and advise you on them. Similarly, when architecting a full data center, our cross-technology expertise ensures that all aspects of the design work optimally with each other.



CORPORATE TECHNOLOGIES
Tough IT. Solved.

Lines of Business

- Systems and Servers
- Storage and Backups
- Security and Networking
- Data Integration and Application Development
- Support and Maintenance

Professional Services

Architect

Integrate

Optimize

Support

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Architecture Professional Services

DELIVERABLES

Corporate Technologies can match the deliverables of an architecture consulting project to each client's individual needs. Some clients prefer a simple architecture diagram that includes the specific recommendation. Others require full architecture documentation along with presentation to all individuals involved in the IT infrastructure. These deliverables—which are highly actionable for our clients—typically include details of the current infrastructure, factors considered, business priorities, project planning for migration from old infrastructure to new, and the resulting recommended architecture. The architecture can include hardware and software, as well as dataflow and management analysis. Frequently, our clients desire to consider multiple solution options. In those cases, we can include multiple architectures with detailed pros and cons regarding each approach.

CLIENT EXAMPLES

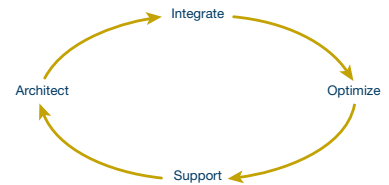
An early-stage Contract Research Organization turned to Corporate Technologies for soup-to-nuts infrastructure architecture advice. Our client wanted a modest-cost computing facility that could readily expand to meet their expected business and technical growth. They also wanted pervasive security that would not be overly complex or inconvenient. It had to allow them to have core end-user and network security in place from the start, with no need to retrofit security layers as business and regulatory requirements became more stringent. Serving as the technical advisor to our client, we recommended an architecture that successfully provided the flexibility and functionality they needed to rapidly establish their unique value proposition—supporting pharmaceutical companies in drug delivery analysis.

A Fortune 50 financial services company asked Corporate Technologies to redesign their core computing infrastructure at one of their divisions. In partnership with our client, we established goals of increased reliability, performance, and flexibility, which drove the architecture. We were intimately involved throughout the design process, from providing the knowledge and expertise to guiding the design, through meeting with infrastructure users to explain its functionality, and taking part in the budget justification process. With a goal of 99.99% uptime, we architected a solution that reduced service disruption from thousands of hours per year to tens of hours per year. We also doubled the computing capacity (CPU, memory, and I/O) to handle future growth, and architected a “zero effort service addition” that allows adding new services to the infrastructure without retrofitting.

The world leader in records and information management chose Corporate Technologies to design and help implement a new digital archiving line of business. The architecture was driven by three goals established in concert with our client—high performance, value, and flexibility. In spite of the many unknown variables involved in launching a new line of business, the new architecture has been a success—mixing tried-and-true components—clustering, NAS, SAN, tape archives, load balancing, and firewalls—with a custom data management application that collects, compresses, and stores assets on the fly. The resulting implementation, developed and deployed by Corporate Technologies, processes hundreds of assets per second, maintains a targeted cost/asset, and provides an infrastructure that readily adapts to our client's changing business model.

ABOUT CORPORATE TECHNOLOGIES

Founded in 1994, Corporate Technologies has been helping companies tap the power of technology to drive the success of business. We are experts in every aspect of IT and pride ourselves in solving your toughest IT challenges. We deliver a full spectrum of cost-effective, reliable infrastructure hardware, software and professional services in the areas of storage, networking, security, systems, support and data integration.



Corporate Technologies' professional services organization delivers a wide variety of best-practice IT solutions—systems, storage, security, data integration—using our four-phase engagement model.