

Smart Approaches To Technology Systems Design And Delivery

Save Time and Money On Your Project



Balancing Technological, Aesthetic and Functional Needs

With more than 18 years of objective Technology Consulting experience, Archi-Technology LLC applies consistent, field-proven project design and delivery approaches that add value to all stakeholders, from building owners and managers to architects, engineers and contractors.

Our design-to-manage philosophy is the cornerstone of our success in designing and deploying technology infrastructure and systems for new and retrofit projects. This tenet requires a collapsible view of system design that lets us address both immediate project needs, as well as long-term operational requirements once the system is handed off to the owner. Everything our dedicated team of professionals does is based on this dual view of a project during each phase of design and development.

Adding Value To Every Phase Of A Project Is Our Specialty

Other design philosophies, procedures and practices that Archi-Technology takes to save project time, money and space through each project phase include:

- 1. PLANNING.** Archi-Technology provides the most benefits when we are engaged early in the project planning phase. From budget review and validation to physical site surveys, early involvement is the best way to avoid surprises.
- 2. DESIGN.** Acting as an extension of your internal team, our professionals work closely with your staff, project consultants and engineers to coordinate the architectural, mechanical and electrical requirements affected/required by the technology infrastructure and systems we design. System design standards and extensive checklists are used throughout this phase. We are also especially sensitive to new and historic architectural requirements.
- 3. BUILD.** We use cloud-based collaborative tools, regular design review meetings, and standards-based procedures to improve communications and efficiency for all project team members, right down to invoicing and budgeting.
- 4. OPERATE.** We never lose sight of the fact that the technology infrastructure we deliver needs to operate consistently and with high quality today while still being scalable for technologies that will be developed in the next 20 years. Innovative T-Series Technology drawings and industry-leading “as built” documentation standards provide operational value far into the future.

See the back of this sheet for more information about our technology project design and delivery approaches or call **585-424-1952** to discuss your specific needs.

OUR PROJECT DESIGN AND DELIVERY APPROACHES

1. Design-To-Manage philosophy reduces Total Cost of Ownership.
2. Budget validation ensures adequate project funding.
3. Risk Management planning.
4. Systems Design Standards provide objective criteria.
5. Project Management procedures ensure consistent, smooth processes.
6. Design Checklists provide quality control in all phases.
7. Rigorous field work ensures accurate, up-to-date data.
8. Creative pathway design saves space and respects architecture.
9. Project management software improves communications and collaboration.
10. Design Reviews keep all team members up to date.
11. T-Series Technology drawings provide operational value.
12. Innovative As Built documentation reduces operating and maintenance costs.



Technology Consultants for the 4th Utility

Design And Delivery Approaches Honed In The Field For Decades

Archi-Technology's strict adherence to industry standards and proprietary best practices have been developed based on our work on hundreds of technology infrastructure and systems projects for clients in education, healthcare and other markets.



Keep the Technology components of your projects on track alongside their MEP counterparts with an experienced, independent Technology Consulting firm.

1. DESIGN-TO-MANAGE DESIGN PHILOSOPHY

Take a dual long- and short-term view of all system design considerations to meet immediate project goals as well as operational considerations.

> [Reduce Total Cost of Ownership \(TCO\)](#)

2. BUDGET REVIEW AND VALIDATION

Get an experienced, objective look at project budgets from an independent consultant that's not compensated by equipment manufacturers.

> [Obtain adequate technology funding](#)

3. RISK MANAGEMENT PLANNING

Our proposals for capital infrastructure projects include a Risk Management section that looks at possible unforeseen circumstances and how they could impact project budgets, schedules and parameters.

> [Reduce or eliminate surprises during construction](#)

4. SYSTEMS DESIGN STANDARDS

Design technology infrastructure and systems based on specific, detailed and documented design standards developed over 18+ years dealing with these technologies.

> [Ensure best practices in systems design](#)

5. PROJECT MANAGEMENT PROCEDURES

Leverage a field-proven Project Management methodology based on 18+ years of experience working with industry-recognized standards.

> [Facilitate seamless team collaboration](#)

6. SYSTEM DESIGN CHECKLISTS

Validate each step of technology system planning, design and construction with 50+ Design Checklists developed through extensive experience.

> [Assure quality control throughout all phases](#)

7. FIELD DATA COLLECTION

Compile accurate, up-to-date data via rigorous field work. We like getting our hands dirty at a job site before, during and after systems development.

> [Obtain and document latest data](#)

8. CREATIVE PATHWAY DESIGN

Whether new build or retrofit, Archi-Technology will give your project more space with creative approaches to the physical pathways required for data transport components (e.g., cables).

> [Save space and respect architectural aesthetic](#)

9. COLLABORATION PROJECT MANAGEMENT SOFTWARE

Watch over every aspect of system design with our cloud-based project management system that provides secure 24/7 access to project data, drawings and records via any device.

> [Improve communications and collaboration](#)



10. DESIGN REVIEWS

Keep staff, architects, consultants, engineers and contractors in sync on system progress with regular Design Review meetings.

> [Avoid costly and time-consuming surprises](#)

11. T-SERIES TECHNOLOGY DRAWINGS

Get graphic plan-based views of a facility's technology infrastructure—including pathways and spaces— that can be viewed as layers selectable by system type and location.

> [Provide operational value to owner](#)

12. INNOVATIVE "AS BUILT" DOCUMENTATION

Retrieve project-related data, records and drawings via secure cloud-based software that can be accessed by service techs on any smart device.

> [Reduce system operating/maintenance costs](#)

For More Information

Please visit Archi-Technology.com for more information or call **585-424-1952** to discuss your specific project requirements.

