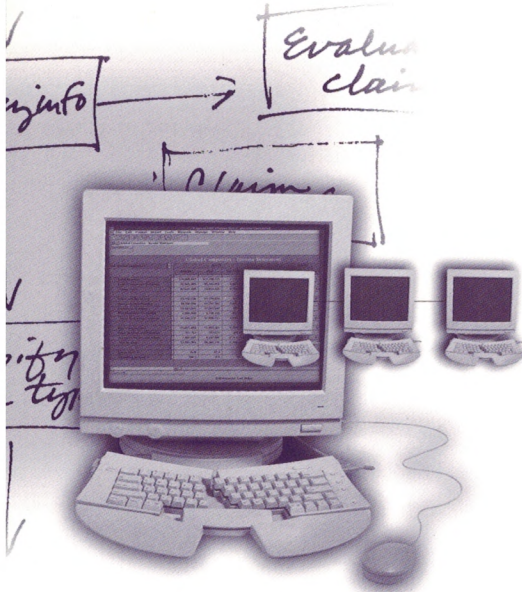# Design Services

System Design

In preparing for implementation of a new system, system design is one of the most critical components. Many factors must be taken into account. What combination of hardware and software will handle your operations, both now and in the foreseeable future? Scaleability needs are researched, exploring the number of projected users, and expected networking requirements. Filoli also determines how to build an integrated and maintainable system to support your business process.

Research is done to determine whether you can use off-the-shelf software, or if custom design is your best approach. A combination of the two might be the ideal solution. Interfaces between the various software applications are detailed.

Since results are the real measure of success, we at Filoli help you determine the correct built-in management tools to measure user and system performance.

BENEFITS

Ensure that the system requirements definition describes a fully operational, scaleable, integrated and maintainable system that supports your business process.

Determine the most cost-effective and beneficial combination of custom-developed software, and off-the-shelf products and their interfaces.

Provide built-in management tools to measure results-based performance.

SERVICES

System Requirements

Full System Requirements Definition

Filoli staff assists you in defining the requirements for an information system. Once that is in place, we focus on developing a system integration strategy and requirements for installation. Finally, all component requirements are validated for appropriateness.

Information Systems - Functional Specification

Filoli experts analyze your corporate business process specifications and develop a systems and network spec that supports your information system. This analysis includes detailed specifications that supports your current systems operations and ensures flexibility for future expansion.

Report Specifications

We work with your business experts to develop a comprehensive suite of reports that enables your executives, managers, and employees to effectively monitor business processes, productivity and claims management outcomes. These reports help you identify potential areas for cost-savings, bottlenecks in claims processing, and immediate or projected staffing needs. These reports might include:

- Claim or financial activity reports
- Settlement and closure statistical reports
- Current user workload assessment
- Unit-stat preparedness reports
- Trend Analysis

Functional Implementation Planning

A new system may be deployed all at once, or in phases. Deployment in phases can reduce the complexity that is often associated with the roll out of a large system. Filoli works with you to define a phased deployment plan that meets your business goals and objectives while increasing the probability of your success. Our configuration experts are also available to partner with your staff to develop a change management strategy that defines the parameters of how upgrades to your system are managed to meet your future business goals.

System Software Design

Software Design Specifications

Filoli produces detailed software design specifications to accomplish the following:

- Identify desired business and user benefits.
- Define components, packages, and subsystems to be developed. Ascertain any commercial off-the-shelf software products and components to be integrated.
- Detail all enforced business process rules and procedures.
- Develop unit test criteria for completion verification.
- Describe all data storage.
- Design the following software plan specifics:
  - *Schema design.*
  - *Procedure or class definitions.*
  - *All prerequisites and expected dependencies from other software components.*
  - *All required external components.*

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