



# Design Services

## System Implementation

Once your system has been designed, a thoughtful implementation plan is key to success. A number of issues must be examined and resolved. Meaningful and comprehensive testing must be planned and conducted. Adequate consideration must be given to numerous issues to arrive at a final plan for rolling-out hardware and software requirements, vendor selection and management.

System test specifications are critical to achieving desired results. A detailed implementation plan will be prepared, with stages as appropriate.

99,16,850	2,884,366	2.1	107,918,984	107,751,531
73,881,925	8,591,803	13.1	87,257,322	78,791,436
21,328,694	162,450	0.8	23,958,920	22,000,485
19,297,362	1,001,348	5.2	19,749,209	19,297,362
12,593,848	189,874	1.5	13,389,183	12,593,848
4,738,220	658,216	13.9	4,404,066	4,738,220
57,958,123	2,011,887	3.5	61,501,378	58,629,914
15,093,302	9,928,703	65.8	25,262,579	20,161,522
283,679	(48,089)	(17.0)	358,120	283,679
4,442,887	(2,964,184)	(66.7)	7,471,338	5,963,353
10,366,736	6,916,429	66.7	17,433,121	13,914,490

### BENEFITS

*Reduce costs by developing a plan that accurately meets the hardware and network needs of your new system.*

*Ensure system and business integrity by developing a sound test strategy before implementing a new system.*

*Minimize down time during system deployment by strategizing a detailed system implementation scheme.*

### SERVICES

#### *Hardware Systems and Network Planning and Design*

Filoli's experts will partner with your staff to develop a hardware and network system design plan. This design will include the following:

#### **Hardware Systems Requirements**

Hardware details are specified in their entirety. Server specifications, connectivity requirements, and plans for the physical plant are provided.

#### **Network Requirements**

Filoli employs a variety of methods to ascertain design specs and formalize a systems network design. These methods include capacity estimates, system response requirements, and direct measurements.

#### **Vendor Management**

Filoli assists you with vendor-related issues, such as hardware acquisition, and installation personnel. In addition, Filoli is available for consultation regarding ongoing vendor management.

#### **System Test Design Specification**

Filoli develops detailed test specifications to assure that all system functionality produces desired results. These strategic recommendations encompass required methodology, breadth of implementation, and detailed system/business tests to meet your complete operational needs. Tests to be designed may include, but are not limited to the following:

- Business case scenarios.
- Detailed business rules, procedure rules, and jurisdiction cross-check tests.
- Volume and capacity tests.
- Availability and fail-over tests.

#### **Software Installation and Deployment Planning**

Filoli develops detailed procedures and specifications for software deployment and roll-out. Contingency planning, deployment trials, and planning for pre-deployment user testing strategies are developed. There are five critical considerations:

- Connectivity, interoperability and manageability
- Performance
- Availability
- Scalability
- Standards adherence