

# ENGLEWOOD HOSPITAL



## An iFortress Case Study

*Englewood Hospital, incorporated in 1888 as a non-profit, is a non-sectarian voluntary health care facility devoted to "the care, maintenance and cure of the sick, the injured and the infirm." With 547 beds, the hospital is the largest voluntary acute care hospital in Bergen County and the third largest in New Jersey.*

After many years of service and serious environmental concerns, The Englewood Hospital IT group decided the data center was to be re-located and upgraded. After experiencing several events due to the threat of water penetrating the data center while researching their options, Englewood decided that **environmental protection and adaptability** were major factors their search for a solution.

iFortress™ evaluated the facility needs and options at Englewood and quickly delivered several options which included an outdoor free-standing structure, and two different configurations based on utilizing the iFortress™ modular data center construction methodology within two distinct areas of the hospital. The team agreed on an optimized 600 sq. ft. facility of white space within the hospital.

### **On-time. On-budget. Zero Change Orders.**

After the project was awarded, the iFortress™ team installed the shell and support infrastructure for the data center, on-time, on budget and with no change orders.

The project was ready to accept the technology upgrade well in advance of its physical arrival. The iFortress™ project was successfully concluded weeks before the September 2009 "go live" date.

### **Environmental Success.**

"In addition, we noticed that we no longer needed to have any portable cooling fans to move air within the facility, the ambient temperature was set higher and we noticed that we actually did have hot and cold aisles as designed. When the alarms went off to change the filters, the filters appeared to be in brand new condition...there was no dust." - EH

### **Immediate Test of Structural Security™.**

This disaster prevention scenario was immediately put to the test shortly after the completion of project; a major steam pipe burst directly above the data center.



## WHEN FACED WITH A DECISION... **ENGLEWOOD HOSPITAL** CHOSE iFORTRESS

*"We now have the capacity to meet the current and projected future needs of Englewood Hospital while providing disaster prevention for continuity of service."*

The IT relocation was a smooth transition to the new facility and the state-of-the-art iFortress™ data center provides mission critical business and clinical systems support with the scalability necessary to meet changing needs. The proof lies in their glowing testimonials.

*"iFortress™ provided the leadership and experience to help us to accomplish all of our goals... We could not have achieved this with any other vendor we considered."*



JERRY LYONS, iFORTRESS™ PRESIDENT & CEO

## FLEXIBILITY, MODULARITY AND PROTECTION: THE PRIMARY DRIVERS

In the decision making process, the IT team considered several locations within the hospital. The basement, parking garage, a new freestanding structure and two floors within the complex were all considered as possible locations.

The major challenge was finding a cost effective solution while upgrading the existing infrastructure to mitigate risk. In addition, the need to find a solution flexible enough to meet future IT requirements was vital. iFortress™ provided a solution.

After evaluating numerous proposals from building contractors and technology providers, the iFortress™ solution was deemed best for the combination of flexibility, scalability and the level of protection. Upon full assessment, the IT group determined that building a traditional data center was simply not for Englewood due to it's greater expense, time required and lack of Structural Security™.



### ENGLEWOOD HOSPITAL SPECS:

- Installation: 6 Days
- Project: On Time/On Budget
- Zero Change Orders/Project Delays
- 600 Sq Ft
- 30' W x 20' D x 10' 4" H
- Interior, 9th Floor Assembly/Installation
- (1) Door
- Primary Data Center
- Manufacturing: 10 weeks
- Zero Warranty Claims



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