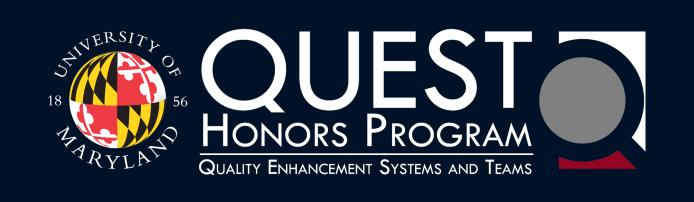
THALES ITASSET OPTIMIZATION



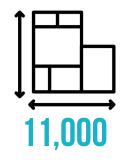
BACKGROUND

"LIVES DEPEND ON WHAT WE DO"

Thales Defense and Security Inc, headquartered in Clarksburg, MD, is a defense contractor specializing in the design and production of military communication hardware. Thales' main facility houses 5 engineering labs and a full scale manufacturing floor.

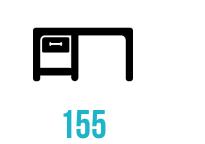


PROJECT CHAMPION STEVEN KUTCHI - Q1 **ENGINEERING LAB MANAGER**



SQ. FEET

ENGINEERS

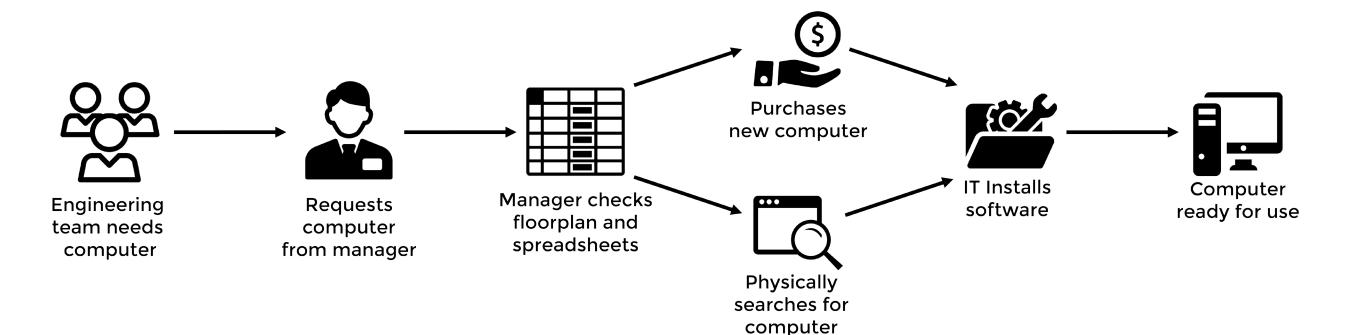




COMPUTERS



CURRENT STATE



PROCESS: COMPUTER ASSET REQUEST - TIME: 1-2 WEEKS

<u>Engineering</u> 1-2 Week Wait 20-50 IT Tickets

<u>Lab Manager</u> **Hours Searching** Physical Lab Map

IT Personnel 6-7 Hour Build Tedious Approvals

METHODOLOGY

IN-DEPTH INTERVIEWS

INDUSTRY RESEARCH



Feasibility & **Cost Analysis**



Thin Client Research



Department



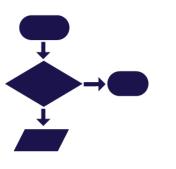
Department Managers



Hardware Engineers



Software **Engineers** ITERATIVE IDEATION



Process Mapping tools

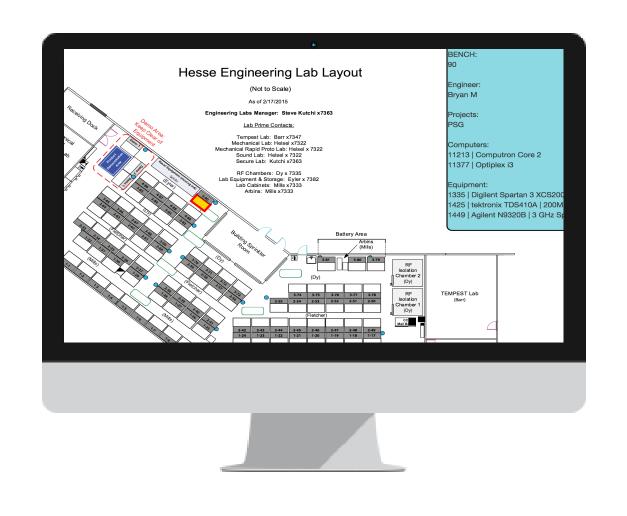


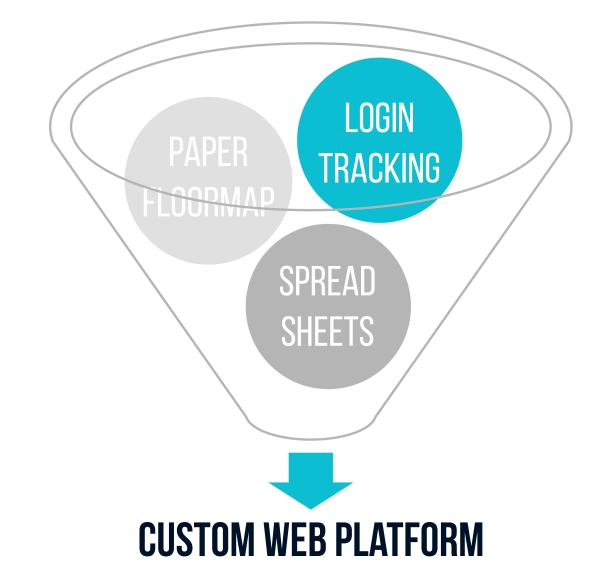
Software List Analysis

RECOMMENDATIONS

VISUALIZATION SOFTWARE

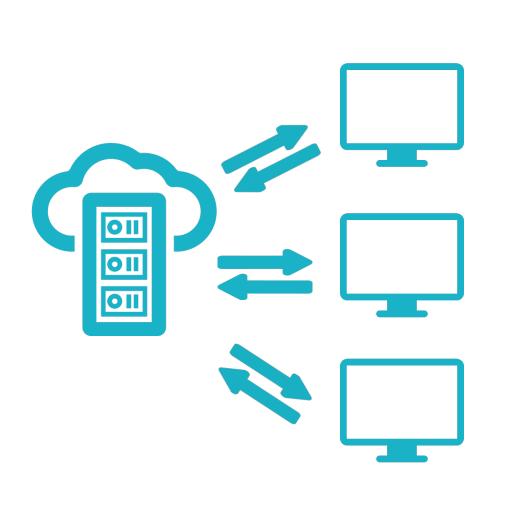
100% custom web application integrates proposed and exisiting information sources, and eliminates need for physical floor layout with manual editing.





THIN CLIENT COMPUTING SYSTEM

Transition to virtual systems on low cost platforms reduces IT load and eliminates build time. New operating systems and network connections can be repurposed without ever moving the machine.



	UKKENI	THIN GLIENT
	SYSTEM	SYSTEM
RISK OF LOCAL DATA LOSS	YES	NO
NETWORK SWITCHING	6-7 HOURS	INSTANT
UNIT	4-5 YEARS	7+ YEARS
LEGACY PORT EXPANSION	ADAPTERS	BUILT-IN

CHIDDENIT

Key Features:

- » Log-in Tracking
- » Real Time Data Updates
- » Export to PDF » Customized Data Filters

90% LESS **IT Build Time**

95% Smaller **Physical Profile** **75% LESS Energy Use**

IMPACT

IT ASSET REQUEST STREAMLINED PROCESSES

MINIMUM SAVINGS \$50,000/YR LABOR & EQUIPMENT

ENERGY SAVINGS 170,000 KWH THIN CLIENT POWER DRAW

TEAM QUALIT









SPECIAL THANKS TO: **DR. JAMES PURTILO, FACULTY ADVISOR** DR. JEFFREY HERMAN **KYLIE G. KING** THE QUEST QUALITY GUILD