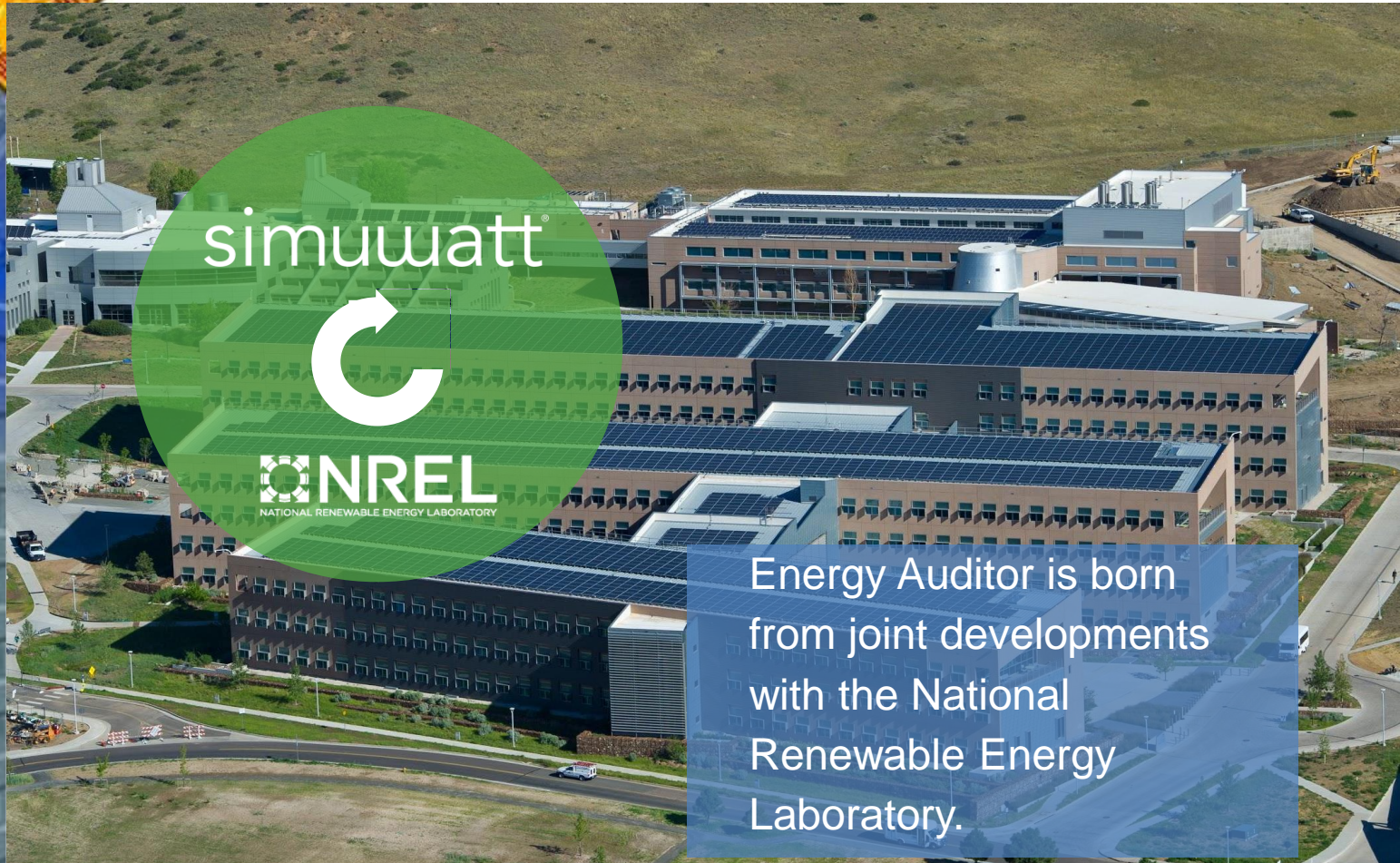


Background



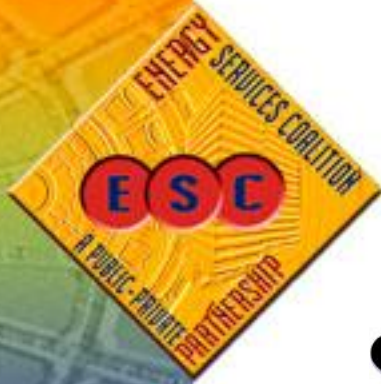
simuwatt®



NREL
NATIONAL RENEWABLE ENERGY LABORATORY

Energy Auditor is born from joint developments with the National Renewable Energy Laboratory.

Current Energy Audit Data Collection



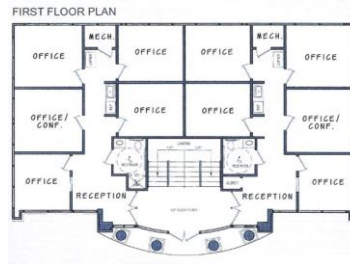
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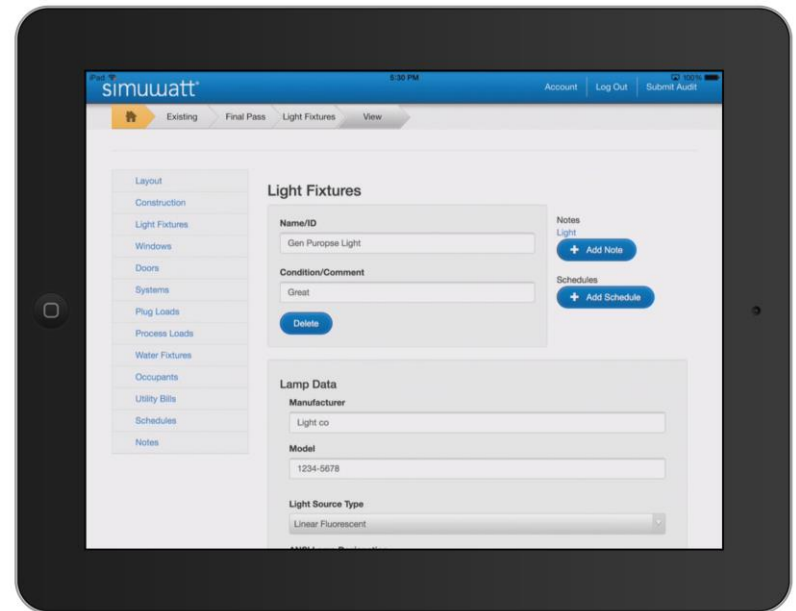
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Goal: Simplify and Improve Energy Audits



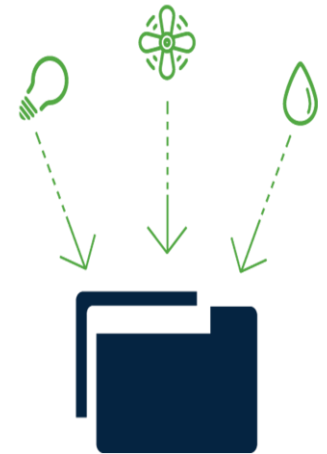
- Standardized data collection
- Collaboration with multi-auditor teams
- Centralized online repository for data access



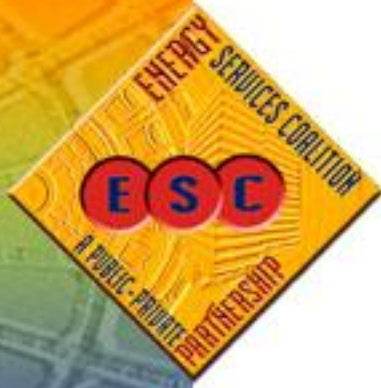
Standardized Data Collection



- ASHRAE/ EnergyPlus based data fields
- Take photos and videos
- Extensible library of building components



Collaboration Tools



- Multi-auditor support
- Revision history and tracking
- Project sharing through the lifecycle of the audit



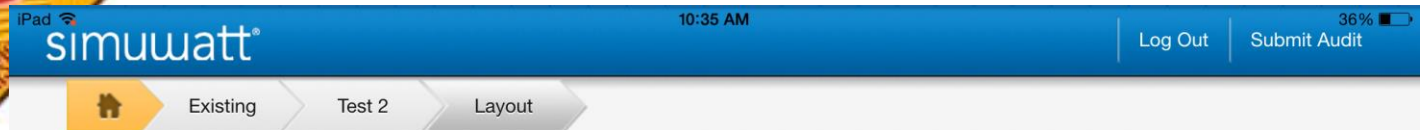
Centralized Project Data



- Access data from a secure Cloud using your iPad or Web browser
- Offline tablet support
- Export to .XLS Spreadsheet



Screen Shots



Layout
Construction
Light Fixtures
Windows
Doors
Systems
Plug Loads
Process Loads
Water Fixtures
Occupants
Utility Bills
Schedules
Notes

▼ Levels 4 [+ Add](#)

▶ Level 1	Details
▶ Level 11	Details
▶ Level Rr	Details
▶ Level Demo Level	Details

▶ Spaces 12 [+ Add](#)

▼ Zones 2 [+ Add](#)

▶ New zone	Details
▶ New zone r	Details



Lamp Data

Manufacturer

Lightco

Model

Light Source Type

Linear Fluorescent

ANSI Lamp Designation

T5

Input Power (W)

42

Length (ft)

4

CCT (K)

4100

CRI

78

Luminous Flux (lm)

2600

Illuminance (Fc)

2470

Features

- 
- Cloud Access
 - Work offline
 - Revision History
 - Project Sharing
 - Team Auditing Support
 - Merge Projects
 - Standardized Data Fields
 - Levels, Spaces, Zones
 - Lighting
 - Plug Loads
 - Process Loads
 - Occupancy
 - Building Envelope
 - Doors
 - Windows
 - Water Fixtures
 - Take photos and videos
 - Cooling Tower Systems
 - Chilled Water Systems
 - Hot Water Systems
 - Domestic Hot Water Systems
 - Pumps
 - Custom Water Systems
 - Custom Built-up Air Systems
 - Packaged Units
 - Air Terminals
 - Zone Heating & Cooling Terminals
 - Fans/ Exhaust Fans
 - Operational/ Setpoint Schedules
 - Controls
 - Copy Components and Areas
 - Add Utility Bills
 - Export to .xls Spreadsheet
 - Export Other

Future Features



- Windows 10/Surface Support
- Copy Building
- Measures/ECM's
- Floor Plan/Geometry Layout
- Modeling Integration



Thank You

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