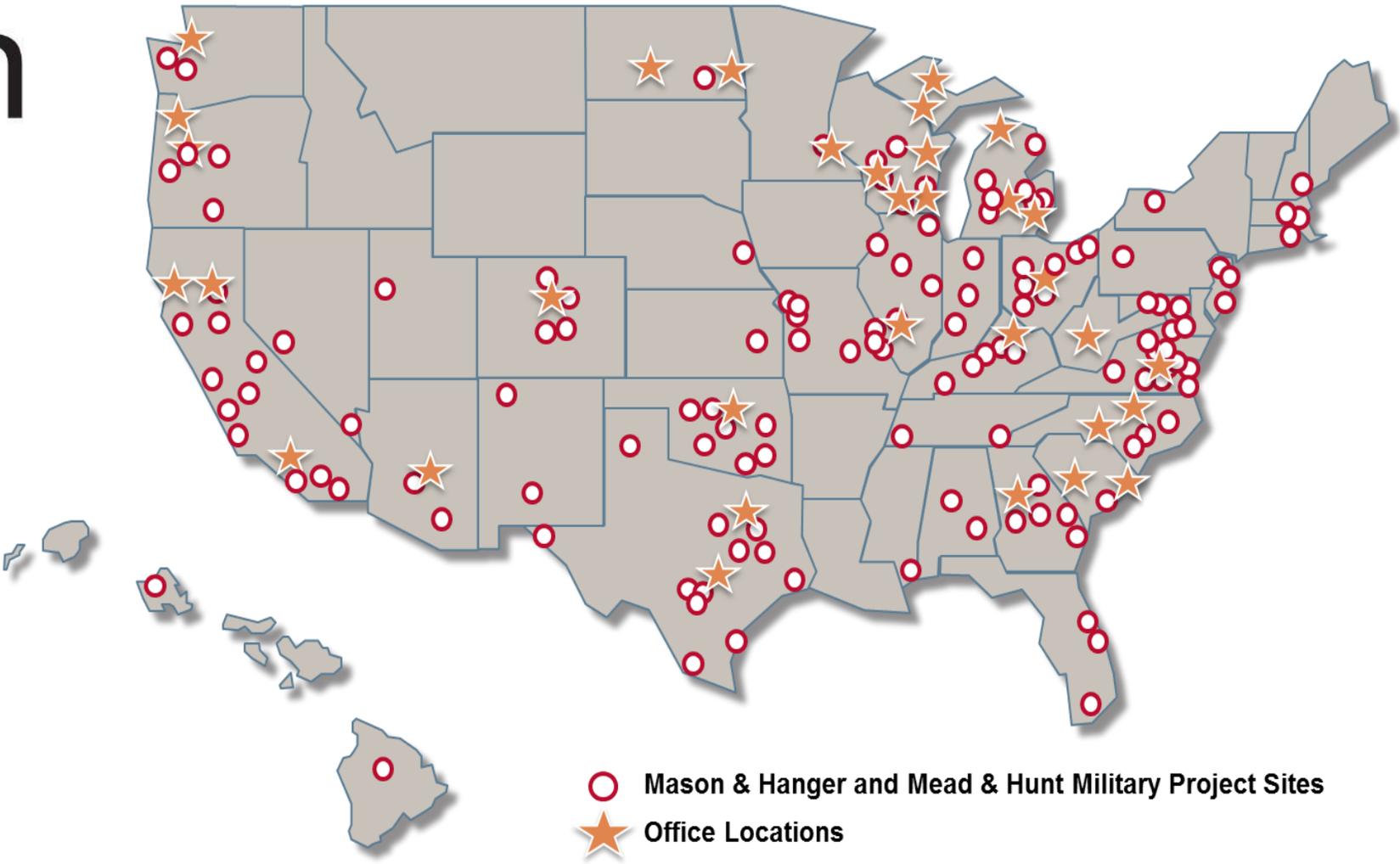




Spotlight Presentation

August 15, 2023

Mason & Hanger + Mead & Hunt Joint Venture



Who We Are

Mead&Hunt

- Founded in 1900
- Full-Discipline A/E Firm
- ENR Top 500 Design Firms #83
- 1200 Employees
- Employee-Owned ~350 Shareholders
- \$265 Million in Revenue Fiscal Year 2022
- 40+ Office Locations Nationwide

Who We Are



Mason & Hanger

A Day & Zimmermann Company

Building a More Secure World®

- Founded in 1827
- First USACE project in 1902
- Full-Discipline A/E Firm
- 100% Federally Focused
- ENR Top 500 Design Firms:
Government Offices; Top 220
International Firms; #23 in General
Building for Government Offices
- ISO 9001:2015 Certified

Future Artillery Complex (Melt Pour), Iowa Army Ammunition Plant



Mason & Hanger + Mead & Hunt Joint Venture

Riverside Canal



Mason & Hanger + Mead & Hunt Joint Venture

D/B RFPs for 53d WEG Maintenance Hangar and Headquarters Complex, Subscale Drone Facility and Parking Apron



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Fort Polk Fire Station



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Munitions Storage Igloos, Anderson AFB (Guam)



*Kovens
2013*

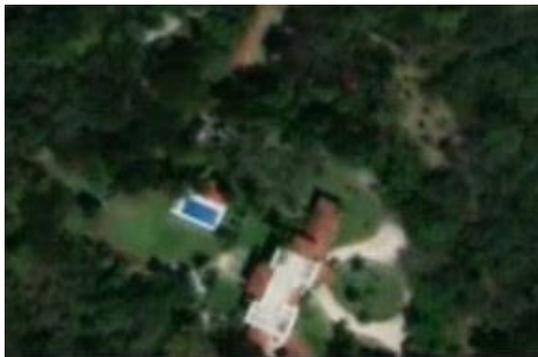
Columbus AFB Runway 13C/31C

AWARD-WINNING PROJECT



Mason & Hanger + Mead & Hunt Joint Venture

LIDAR Technology



Created 2/7/2023

**Port-au-Prince, Haiti
Chief Mission Residence**



Created 6/27/2023

**MCAS Cherry Point, NC
Building 133**



Created 6/20/2022

**Jefferson Lab Newport
News, VA Building 58**



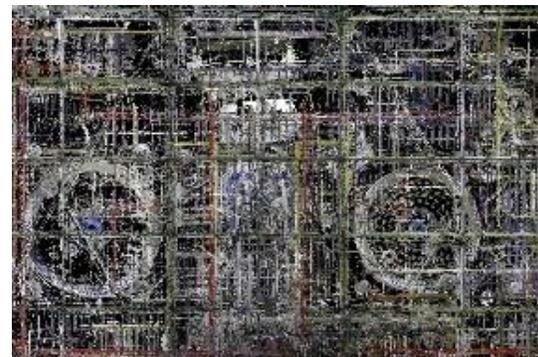
Created 12/19/2022

**Marseille, France
US Consulate Lease Fit-Out**



Created 12/24/2022

**Havana, Cuba
US Embassy**



Created 4/25/2023

**NSF Indian Head, MD
TATB 1190**

Moffett ANGB Vehicle Maintenance Facility



Mason & Hanger + Mead & Hunt Joint Venture

Digital Twin Roadmap

1. Digital Twin Assessment

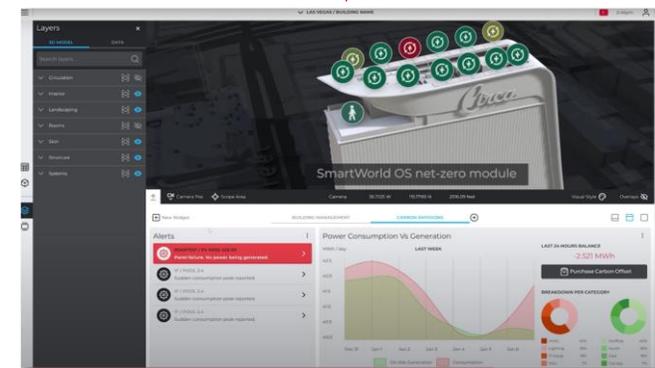
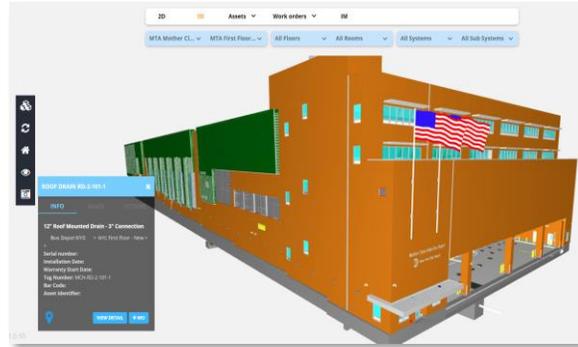
2. Model & Data Preparation

3. Aggregation & Visualization

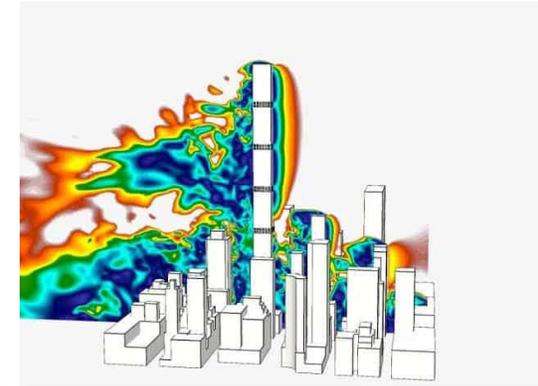
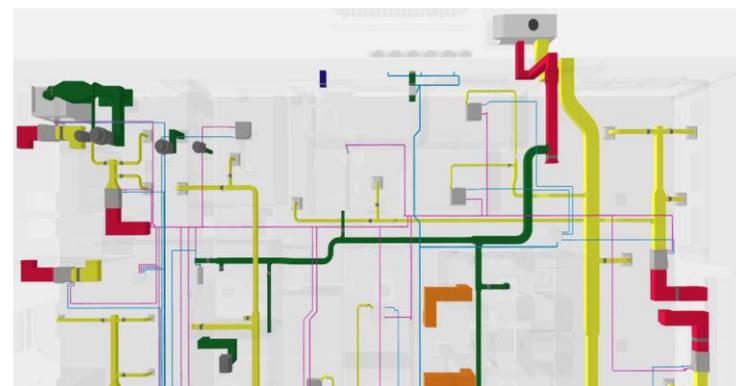
4. Work Orders / IoT connection

5. Simulation & Analysis

What Does Your Data Look Like?
 What attributes for each asset?
 Do you have existing BIM Models?
 What are your Use Cases for data?
 What do you want to do with your data?
 How do you want to visualize your data?
 What are your current processes?
 What are your success metrics?
 What are the skill levels of your Techs?
 Have you Standardized your data?



ID	Category	Manufacturer	Space	Description
PH2022	Ceiling	Ceiling Transducer CTT1-344708	NE3	Ceiling Transducer CTT1 - 2922 (1356 - 1985 CFM) TAB APG Series Sp
PH2022	Electric	Electric Unit Heater EUMH1-156511	127	Electric Unit Heater EUMH1 - QMark MUM-03
PH2022	Electric	Electric Unit Heater EUMH1-156540	123	Electric Unit Heater EUMH1 - QMark MUM-03
PH2022	Electric	Electric Unit Heater EUMH2-162817	112	Electric Unit Heater EUMH2 - Markel Ceiling 3480
PH2022	Electric	Electric Unit Heater EUMH2-164290	124	Electric Unit Heater EUMH2 - Markel Ceiling 3480
PH2022	Electric	Electric Unit Heater EUMH2-174290	101	Electric Unit Heater EUMH2 - Markel Ceiling 3480
PH2022	Exhaust	Exhaust Fan EFT1-290300	ROOF	Exhaust Fan EFT1 - Greenheck CUE-900
PH2022	Exhaust	Exhaust Fan EFT1-291477	ROOF	Exhaust Fan EFT1 - Greenheck CUE-900
PH2022	Exhaust	Exhaust Fan EFT1a-277295	ROOF	Exhaust Fan EFT1a - Greenheck CUE-099
PH2022	Exhaust	Exhaust Fan EFT1b-292773	ROOF	Exhaust Fan EFT1b - Greenheck CUE-1418IP
PH2022	Exhaust	Exhaust Fan EFT2-290305	ROOF	Exhaust Fan EFT2 - Greenheck SQ-80-G
PH2022	Exterior	Exterior Lower EWL1-294227	EXT	Exterior Lower EWL1 - 2922 (1356 - 1985 CFM) TAB APG Series Sp
PH2022	Exterior	Exterior Lower EWL12-290305	EXT	Exterior Lower EWL12 - Ruskon E1F4000 Durable Stationary Exhaust
PH2022	Fan	Fan Coil Unit FCUT1-134806	121	Fan Coil Unit FCUT1 - Daikin FXAGQPJVU - Wall Mount 0.5 Ton
PH2022	Fan	Fan Coil Unit FCUT1-177659	111	Fan Coil Unit FCUT1 - Daikin FXAGQPJVU - Wall Mount 0.5 Ton
PH2022	Fan	Fan Coil Unit FCUT1-178791	120	Fan Coil Unit FCUT1 - Daikin FXAGQPJVU - Wall Mount 0.5 Ton
PH2022	Fan	Fan Coil Unit FCUT1-205192	117	Fan Coil Unit FCUT1 - Daikin FXAGQPJVU - Wall Mount 0.5 Ton
PH2022	Fan	Fan Coil Unit FCUT1-179949	110	Fan Coil Unit FCUT1 - Daikin FXAGQPJVU - Wall Mount 0.5 Ton
PH2022	Fan	Fan Coil Unit FCUT2-154770	131	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT2-169962	109	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT2-169965	116	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT2-179111	119	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT2-179199	125	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT2-179217	126	Fan Coil Unit FCUT2 - Daikin FXQJ-M Ceiling Mount 1 Ton
PH2022	Fan	Fan Coil Unit FCUT3-169934	122	Fan Coil Unit FCUT3 - Daikin FXQJ8MVAU



Truax ANGB Squadron Operations Facility



Points of Contact



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