

CASE STUDY: MCLB Barstow, CA Leading the Way

In an effort to gain a comprehensive picture of the overall performance of building assets and their key components, Headquarters United States Marine Corps (HQ USMC) took action to implement Asset Life Cycle Management programs for all USMC facilities. The foundation of asset life cycle management is total asset visibility; that is, understanding your facilities portfolio, what assets you have, asset fit-to-function, and asset condition. Asset visibility enables installation planners to develop short- and long-range work plans to repair or replace asset inventory, based on sound investment strategies, prioritization criteria, and budget constraints.

At Marine Corp Logistics Base, Barstow, CA, installation planners seized the initiative and augmented the capabilities of their Asset Management Systems by employing **paragon** to enhance asset visibility and to systematically identify, analyze, and report their facility investment requirements. **paragon** stores their real property building information and more detailed system inventory, which has been modeled and/or field collected. Inventory data identified building components and their key life-cycle attributes such as the age, material type and capacity.

CONDITION INDICES

Additionally, assessments were performed on the various components to determine an objective and repeatable condition measure, which relates the general physical health of the asset.

Assessments evaluated assets for required changes in use, mission, regulations, technical obsolescence, and policy mandates. This

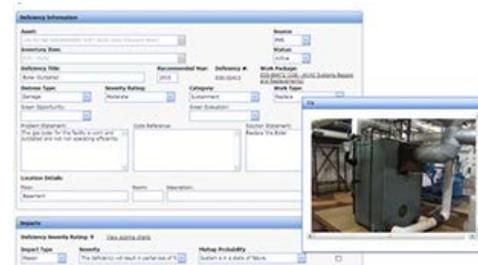
provided a comprehensive picture of the overall performance of building assets and their key components.

FORECASTING

As a result, MCLB Barstow, the leader in the effort, has streamlined the facility long-term budgeting process with accurate and timely long-range forecasts. The ability to observe data in multiple report formats enhances maintenance and replacement planning, lending an even higher level of accuracy to budgeting.

REPORTS

paragon puts it all together, processing the



inventory and assessment data to provide valuable reports and analysis about building inventory, condition, fit-to-function, and remaining service life.

MCLB Barstow Planner: "...deliverable will greatly assist in work planning efforts."