

WindoWare™ by WexEnergy

SOLUTION:

WINDOWARE by WEXENERGY IS AN END-TO-END SOFTWARE SOLUTION THAT HALVES WINDOW MEASUREMENT TIME IN THE FIELD, STREAMLINES ORDERS, FEEDS ADVANCED MANUFACTURING WORKFLOWS & VERIFIES PRODUCT INSTALLATION IS COMPLETE & CORRECT.

NEED:

WINDOWS ARE BUILT TO LAST DECADES. HOWEVER, THEIR ENERGY EFFICIENCY DISSIPATES WITHIN **20-25 YEARS** POST-INSTALLATION, CONTRIBUTING TO OUR GROWING CARBON EMISSIONS.

CHALLENGE:

LESS THAN **4%** OF NORTH AMERICA'S **~4 BILLION** AGING AND ENERGY INEFFICIENT WINDOWS ARE REPLACED ANNUALLY DUE TO HIGH REPLACEMENT COSTS AND DISRUPTION.

DESCRIPTION:

WINDOWARE IS A SAAS PRODUCT THAT MAPS & MEASURES WINDOWS, AND VALIDATES MEASUREMENT USING JUST A SMART PHONE.

IMAGING



MAPPING



AI-CREATED STEP-BY-STEP INSTRUCTIONS GUIDE COMPLETE INSTALLATION WITH MINIMAL TRAINING.

SENSING



INTERIOR AND/OR EXTERIOR IR IMAGE MAPPING PINPOINTS AREAS OF AIR INFILTRATION IN THE BUILDING ENVELOPE SIMULTANEOUSLY.

AI ENABLED SMARTPHONE APPLICATION

ACCURATE
EASY & EFFICIENT
CONSISTENT RESULTS
NEAR-REAL TIME



TEAM AND COMPETITIVE ADVANTAGE:

WEXENERGY SUCCESSFULLY LAUNCHED AWARD WINNING, PATENTED WINDOW RETROFIT AND PATENTED TECHNOLOGY FOR ACCURATELY MEASURING WINDOWS USING DIGITAL IMAGES.

STRINGBEAN TECHNOLOGIES (PARTNER) IS EXPERIENCED IN DEVELOPING TOOLS TO QUOTE CONSTRUCTION PROJECTS AND MANAGE WORKFLOWS.

FLX AI (PARTNER) IS A LEADER IN DEVELOPING COMPUTER-VISION IMAGE PROCESSING AND ADAPTING MATURE AI MODELS.