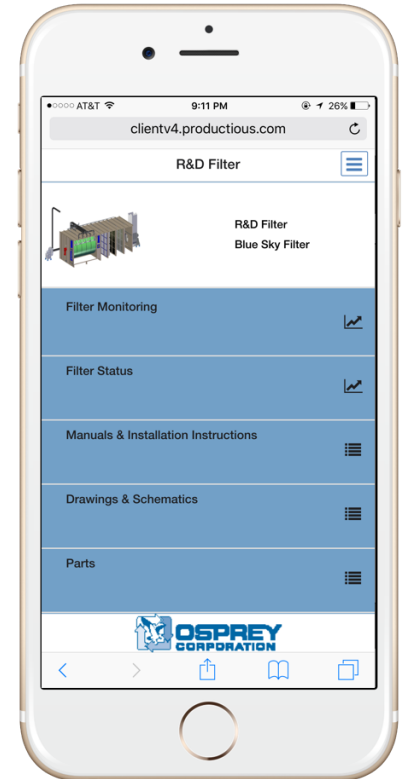
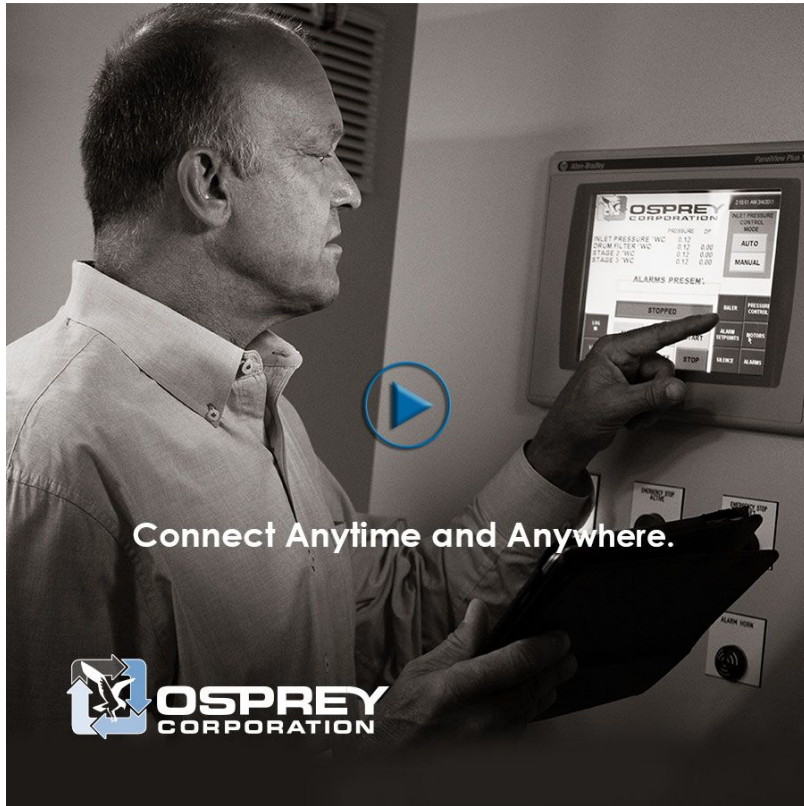


Osprey Filtration Corp., based in Atlanta, Georgia, USA, manufactures complex, factory scale air filtration systems for products like fiber insulation, fabrics, diapers, and many other fibrous products. Osprey's large, multi-stage filtration systems not only produce high quality environments for workers, but return captured materials back into the production process, increasing yields and plant profitability.



With filtration systems installed in factories across Europe, Asia, and North America, Osprey had significant needs for operational monitoring, PLC remote access, and customer facing apps.

Using HMS eWON Flexy™ devices for machine connectivity, and an IoT / Customer Experience app system from Scante.net, Osprey was set to provide best in class IIoT and Industry 4.0 functionality, along with app based technical support, parts, services, and technical documentation to their global customers.

Osprey's Scante apps receive near real time operating data from the Flexy gateway with secure API connections to HMS eWON's Talk2M™ system. The system store extensive time series data on air pressures, filter plugging, energy consumption, and much more, including detailed fault data from the local PLC.

With Osprey branded web apps from the Scante system, end-user customers get detailed analytics on their filter systems, preventive maintenance notifications based on filter usage and actual operating conditions, extensive support documentation, alerts on machine conditions, parts and service recommendations and more in an intuitive web-app running on all mobile devices and desktop systems.