Helping Reduce Product Losses and Food Waste with Edge-to-Cloud Technologies

Two Washington State based organizations, Feeding the Northwest and Apple King LLC, are reducing product losses and food waste with the help of Transparent Path, a social purpose startup. The Transparent Path solution includes an Intel technology-based mobile gateway and secure Industrial Internet of Things (IIoT) sensors that monitor temperature, humidity, and other environmental factors. The mobile gateway travels with the load so that it can be tracked regardless of cross-docking, equipment changes, or layover time in warehouses. The data is analyzed in the cloud and communicated to all supply chain partners in the form of a dashboard and event-driven alerts. Users can also opt to enable blockchain-based data storage for enhanced privacy and protection of personal and corporate data.

> "Each month, our organization ships over 5 million pounds of fresh produce to food banks across the nation. Ensuring each load of healthy, nutritious produce arrives safely and the quality hasn't been compromised at any point during transit is of utmost importance. Transparent Path's technology gives us visibility that we have never experienced prior."
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> **Rod Wieber, executive director, Feeding the Northwest**

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