Use Case Tested

The 178 degrees pilot enabled the conveyance of traceability data on aquaculture salmon, from harvest to processing, through a vertically integrated operation to high-end food service. The pilot was instrumental in application of GS1 standards for seafood traceability.

Challenges

178 degrees was one of the first pilots conducted with the GDST. In this pilot we refined our pilot methodology and delineated fundamental Critical Tracking Events to aquaculture.

Next Steps

178 degrees are using live trackers for supply chain visibility in conjunction with implementing the GDST standard.

Methodology

Mt Cook Alpine Salmon, 178 Degrees, Lilly and Bloom, Hilton, and the Grand Hyatt participated in the second wave of pilots conducted by Global Dialogue on Seafood Traceability (GDST) to test interoperable sharing of supply chain data. Traceability data was collected by GDST co-conveners Institute of Food Technologists’ Global Food Traceability Center and the World Wildlife Fund for Nature. The data was then translated into GS1’s EPCIS XML schema to test interoperability between Mt Cook Alpine Salmon and their consumer-facing restaurant partners. The advantages of EPCIS are that it is designed to be used to represent visibility data within the supply chain and is well-suited for housing traceability data through its Critical Tracking Events (CTEs). Many supply chain partners, especially processors, distributors, and retailers used GS1 standards of identification and data sharing, including EPCIS. The file was developed through the collection of historical traceability data, translation to EPCIS, and testing with retail partners and their respective solution providers.
**Get involved**

*Is your company involved commercially in the seafood supply chain?*

*Would you like to participate in the Dialogue?*

*Please fill out our application form or contact us:*

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