

Barcode Case Study For Cold Chain Logistics

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The Challenge – finding a barcode reader for cold environments!

3PL Provider Porter Logistics recently expanded into cold chain logistics to accommodate food, pharmaceutical, and chemical industry clients. With an additional 145,000 square feet of cold storage space, it's imperative that their team can efficiently keep track of all inventory processed across the warehouse in more extreme temperatures. To maintain consistency across devices used in the warehouse, ideally the mobile computers used in dry storage areas also need to function properly in the cold storage area. Porter Logistics recently transitioned to AML's StrikerX mobile computers and StrikerX is compatible with their software provider Extensiv 3PL System. The same 3PL software would be used in the cold storage area as well. According to Porter Logistics, their new cold storage facilities are designed to accommodate a wide range of temperatures, including refrigerated offerings between 35degF and 40degF as well as freezer storage as low as -20degF.

The Solution

After investigation, Porter Logistics decided to implement StrikerXs across upcoming cold storage sites, contingent on their ability to perform in extreme temperature environments. AML's StrikerX mobile computer has an extremely power efficient Qualcomm® QCS6490 processor, dual cell battery technology that is intrinsically more resilient at low temperatures, and sufficient environmental protection for cold storage facilities. To confirm software compatibility and high-performance standards, the StrikerX rugged mobile computer was tested at Porter Logistics' new cold storage facility in Atlanta. "The StrikerXs are holding up great operating in temperatures as low as -20degF with no degradation in performance," Porter Logistics President John Foshee said. StrikerX is designed to run at standard as well as sub-zero operating temperatures and has a battery capacity for full-shift operation. In extreme temperature conditions, battery runtime may be reduced. Porter Logistics is using the Extensiv software application in conjunction with StrikerX mobile computer for complex, multi-line case picking, inventory cycle counting, and high volume put-away in both the chiller and freezer.

Summary

Porter Logistics President John Foshee said the StrikerX works with Extensiv very well and specifically highlighted the fast support response times when needed. As Porter Logistics continues their expansion in the cold storage space, the StrikerX will be deployed in those facilities. While there may be other "freezer-rated" devices on the market today, the more cost-effective StrikerX certainly delivers on power and performance in cold storage environments.

Contact Saelig Tech Support for more information. support@saelig.com or 585-385-1750 x 2



Porter Logistics is a leading Atlanta Georgia-based 3PL warehousing provider offering comprehensive third-party logistics services to brands, manufacturers, retailers, and direct sellers across many industries including Consumer Products, Food & Beverage, HAZMAT Chemical, & Cold Storage industries. With Porter Logistics, brands are able to achieve economies of scale, reduce spend, and bring omnichannel operations under one roof to drive revenue growth and reduce complexity in their supply chain.

porter-logistics.com

About AML StrikerX



Powered by Android, the StrikerX is a rugged mobile computer engineered for high performance in both standard and sub-zero operating temperatures.

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