

Smart Inhaler System

End-to-end development of a connected healthcare device

Challenge

Complete verification & validation of the device while starting up a manufacturing line supporting a commercial build for clinical testing.

Approach

- Start with proof-of-principle prototype and develop into a commercial grade device.
- Extensive human factors and usability testing, regulatory and quality support, and the creation of commercial grade packaging.
- Utilize our vertically integrated, modular structure to dramatically reduce costs and accelerate the development timeline.

Result

- Ximedica developed the electronics and mechanical components in-house and integrated the client developed software.
- Client company was acquired by a major pharmaceutical company in 2015. Backed by a comprehensive development strategy, the product received the full value of their acquisition agreement.

