

Fortune 100 Pharmaceutical Corporation – Sterile Powder Dispense and Blending Project

Project Overview – CPS prepared a system specification and subsequent proposal through a series of eight interviews with the client for a fully automated system to dispense sterile antibiotic powders from aluminum shipping cans, mill, blend and feed these powders into vial filling equipment. The system includes VHP system to bio-decontaminate the system and aluminum shipping cans prior to dispensing. The cans are automatically de-lidded by a sterile duty robot located inside the isolator. The system operates through a SCADA system compliant with FDA 21CFR Part 11 for electronic signatures and records. Performance goals of the system are two batches per day of 22 to 26 cans of product per batch with operator intervention only to load and unload cans from the system and to transport IBC of processed product to the respective vial filler.

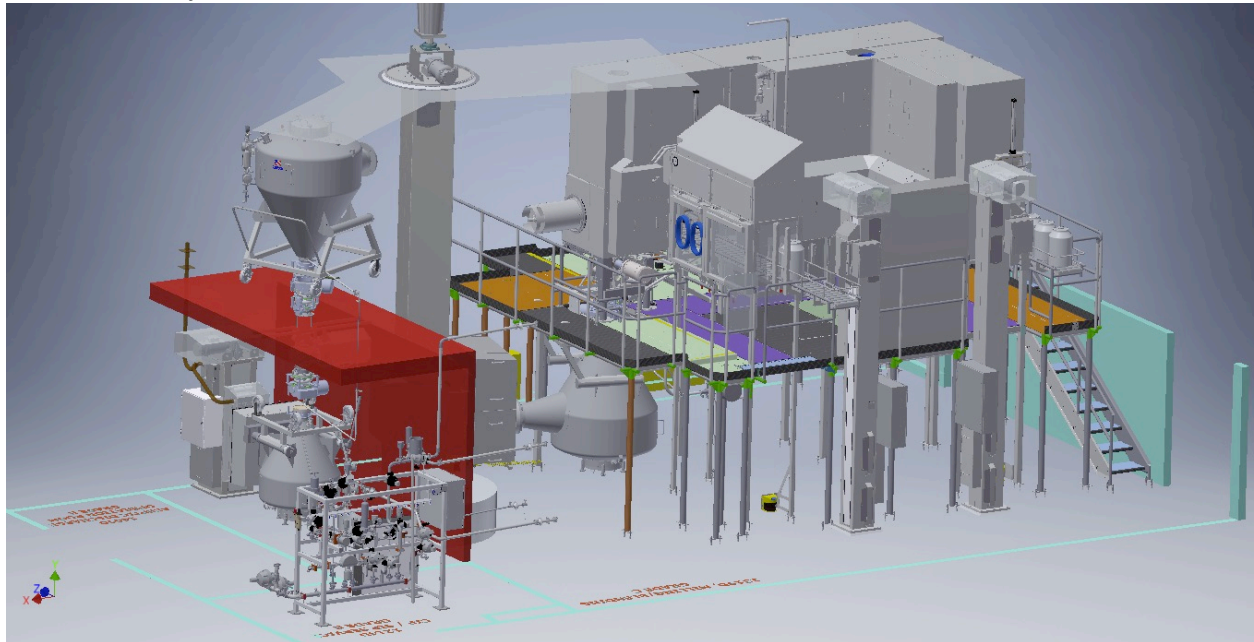
Statistics

Date: 2016-2017

Location: North east, China

Total Order Value: \$5,500,000

Duration of Project: 24 months



Qty.	Equipment Component
1	Intermediate Bulk Container with Bio Passive Valve- 1000 Liter
20	Intermediate Bulk Container with Passive Valve- 400 Liter
1	Isolation System with ChargePoint Docking
1	Glove port Tester
1	Milling System
1	Column Lift with Isolator Loading Conveyor
1	Column Lift with Isolator Unloading Conveyor
1	Column Blender
1	Through-Wall Transfer System
1	IBC Docking Lift with Inverting and Weighing Receiver
1	System Controls - FDA 21CFR Part 11
2	Column Lift - Vial Filler Charging
2	Steam-in-Place/Clean-in-Place Skid

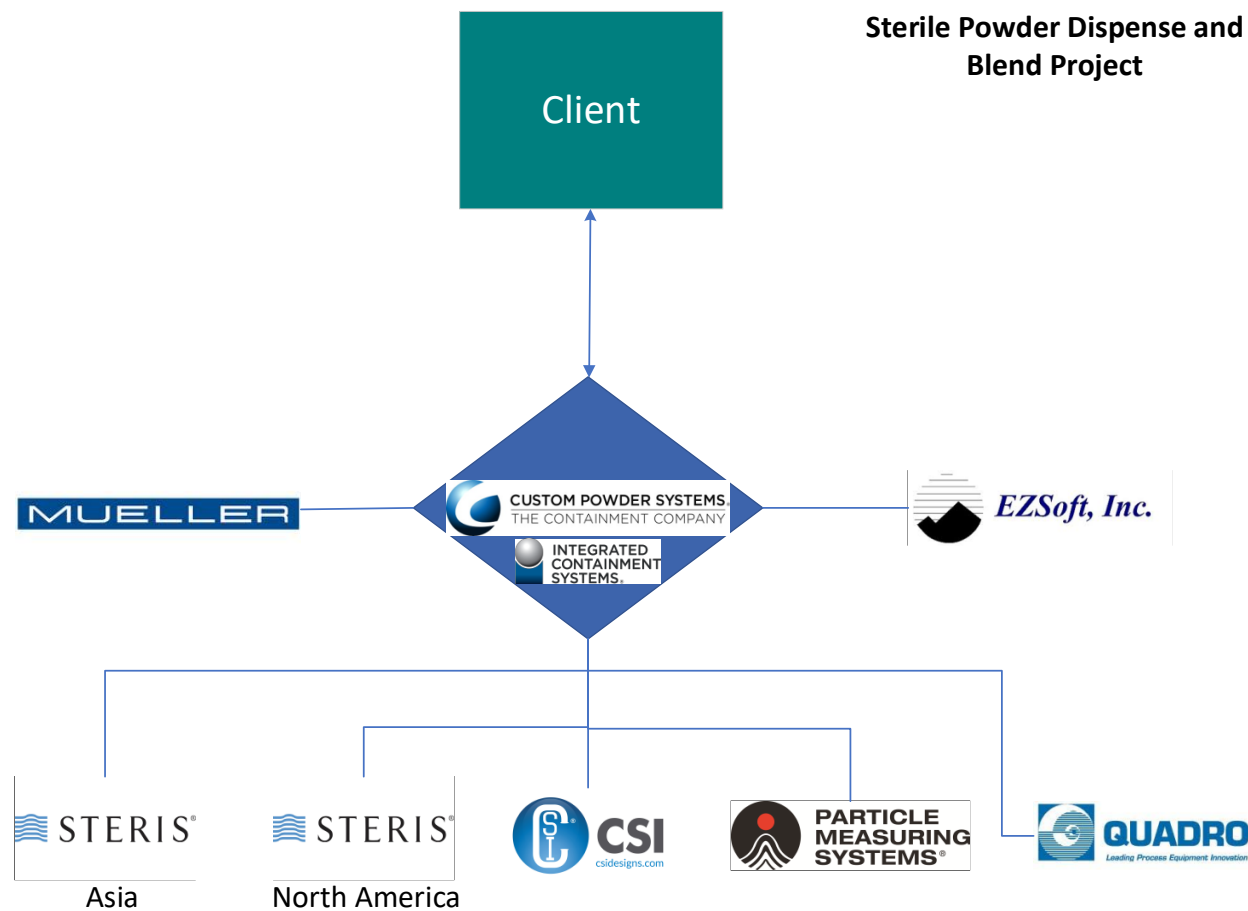


Figure 1 - Integration Reporting Diagram