

**Portable Buffer Download to FMS**

**Prerequisites:**

* Familiarity with AeroTrak portable user interface
* Familiarity with FMS
* Preconfigured portable and FMS
* ISO14644-2
* US FDA Aseptic Processing Guide, EU GMP Annex 1

**Useful Accessories**

* AeroTrak Portable
* Handheld barcode scanner
* Pre-printed barcodes with zone and location names
* FMS on a laptop, complete with USB dongle, pre-configured for the sample point names used on the bar codes.

**Goals:**

* Understand manually collected data can be downloaded into FMS for trending, data archival, report, etc.
* See how to use the equipment
* Understand it is simple to do.

**Exercise / Hands On**

1. Collecting the data
	1. Where are we monitoring compared to certification sample points
		1. You will get this question….what is the answer?
			1. We don’t know the answer
			2. Answer is obtained through risk analysis by the customer
				1. Where is your product at risk of being contaminated
		2. Useful in class C or D areas
			1. Where there is no need for continuous monitoring
			2. Can now use FMS for trending and reporting over periods of time instead of the snapshot provided by TrakProLite Secure
	2. Collect data
		1. 3 samples from each site
		2. 3 sites
			1. Location 1
			2. Location 2
			3. Location 3
	3. Connect portable to Ethernet cord
	4. Begin data download
		1. Explain two different methods of starting the download
			1. Physical button interfaced to FMS
			2. From Control Window
	5. Data download complete
		1. Screen indications
		2. Messages
2. Using FMS with downloaded data
	1. Inspect wheel
	2. Reports
3. Using FMS to program the portable
	1. Using FMS to program a USB dongle for programming the portable