# AUDIT-READY DEPLOYMENT AT SCALE

## Avobus Centralizes 330 Infusion Pumps for Phase III Clinical Trial

### Study Scope Snapshot

| 250 | 330 | Phase III |
|---|---|---|
| Investigational Sites | Infusion Pumps Deployed | Clinical Trial Scale |

## Primary Goals

- Ensure the safe and compliant deployment of 330 infusion pumps across multiple locations.
- Maintain strict adherence to time-sensitive schedules throughout the deployment process.
- Achieve complete visibility and auditability for all units and activities during the study.

## The Challenge

**Risk, Complexity, and Time:** A large-scale Phase III trial required fast, compliant deployment, but the CRO faced significant exposure due to manual tracking and fragmented service records—risking FDA and sponsor audit

### Audit Exposure

Fragmented service records and inconsistent documentation heightened FDA and sponsor audit risk.

### Logistical Chaos

Coordination complexity requiring rapid staging, shipping, and readiness verification of hundreds of pumps to 250 sites with no usage visibility.

## The AVIQ Solution

**Compliance Control Center:** Avobus delivered an end-to-end program, centralizing equipment logistics and lifecycle management into a single, audit-ready portal.

### Deployment Process Simplification

- Trial Protocol Review & Pre-Configuration
- Centralized Serial-Logging to Portal
- Staggered Multi-Site Shipment Management
- Real-time Location & Status Tracking

### Centralized Portal Functionality

- Each device tracked by serial # and location.
- Uploadable calibration certificates and service documentation.
- Real-time dashboard access for Sponsor & CRO leadership.

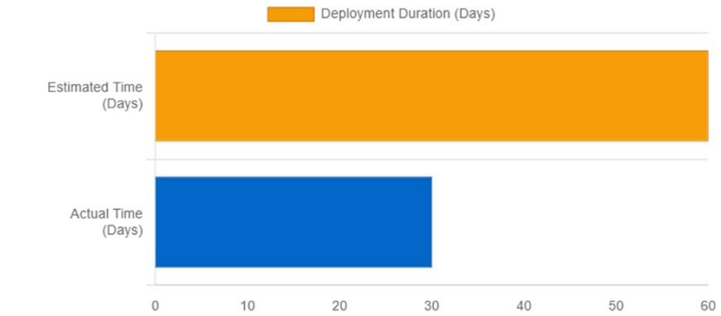
### Lifecycle & PM Support

- Automated PM reminders based on manufacturer's schedule.
- On-site service coordinated through a single portal.
- Optional retrieval and refurbishment after study closeout.

# Impact Analysis: **Results in 90 Days**

The centralized approach drastically reduced deployment time and eliminated compliance risks critical to trial integrity.

Deployment Timeline Reduced by >50%




Rapid staging and centralized logistics allowed 330 units to be deployed to 23 sites in less than 30 days, cutting the estimated timeline in half.

100% Portal-Based Compliance


Compliance tracking was transitioned from manual, inconsistent spreadsheets to fully automated, auditable, portal-based records.

Key Metric Comparison: Before vs. After

| Metric | Before Avobus | After Avobus |
|---|---|---|
| PM Tracking | Manual, Inconsistent | 100% Portal-Based |
| Location Visibility | Spreadsheet-Based | Real-time by Serial # |
| Compliance Risk | High | Audit-Ready |

Qualitative Advantages

**Single Point of Contact**
Reduced coordination burden from multi-vendor chaos.

**End-to-End Audit Trail**
Complete, verifiable service history for FDA Sponsor review.

**“We’ve never had a smoother equipment rollout in our 20 years of running trials. Avobus not only simplified our compliance, they created efficiency within our deployment of the study.”**

*- Director of Sourcing Operations, Clinical Research Organization*