

PSV2800 Training Guide

This document provides an overview of setting up a PSV2800 Automated Programming System, and serves as a roadmap to the **PSV2800 Owners & Operators Manual** (hardware print manual included w/ system delivery) and the **PSV2800_Help.CHM** (online software manual included in System Handler PC). The intended audience is Certified Data I/O Service Engineers and Authorized Service Representatives.

[Owners & Operators Manual](#) (Hardware Manual)

1. Always Safety First

- WARNINGS: Shock, Pinch, Collision hazards (pg 6)
- REQUIRED Precautions (pg 11)
- Safety Systems: eStops, Safety/Door Interlocks, Shields (pg 12)
- ESD Handling and Proper Discharge (pg 14)

2. System Overview

- Components: PowerPanel, WorkSurface, PC, Gantry, Tape-In/Out (pg 18)
- Gantry Axes: XYZR, Origin (0,0), Home, Park (pg 23)
- Device Handling: In/Out Shuttles, In/Out Precisors, Main PnP Heads (pg 28)
- Software: TLWin + Centurion (pg 32)

3. Install System Hardware

- System Access Space/Clearance and Leveling (pg 38)
- Connecting Power, Air, Networking (pg 46)
- Initial System Power-Up (pg 49)
- Install Tape Feeder (pg 53)
- Install Tape Output Module (pg 56)

[Online Software Help](#)

4. Configure System Software

- Enable User Auth (topic title "[Managing User Authentication](#)")
- Configure System Settings (topic title "[Configuring Settings](#)")
- Establish Programmer Connectivity (topic title "[Managing Programmers](#)")
- Teach Workspace Locations (topic title "[Teaching Workspace Locations](#)")
- Create Job: Device Pkg, Algo, Data File (see TaskLink Help)
- Test a Dry Run (topic title "[Starting a Job](#)")

5. Ready to Run

- See [Job Changeover](#) table (topic title "[Running Jobs](#)")

[HW Manual](#)

6. System Maintenance

- Maintenance Schedule/table (pg 100)
- Gantry: Lube (pg 120)
- Programmers: Clean Pins, Run FC DAB (pg 126)
- Tape-Out: Clean all Rollers (pg 134)

7. Final Test

- Receive a device pkg, setup a job, & run device thru system (simulate programming)

Successful completion of this PSV2800 Training Guide under supervision of a Certified Data I/O Service Engineer (or Authorized Representative) constitutes sufficient PSV2800 Operational Competency.

Certificate of Achievement

This Certificate is presented to

Donald Juan – Company XYZ

For Successfully Completing
PSV2800 Operations and Service Training
conducted by
Data I/O Corporation, in Redmond, Washington 2020

presented by
Data I/O Worldwide Service Engineering Group

Date



Adolfo Herrera / Instructor