

iTRAK 5730 and 5750 Configuration and Programming

OEM: Rockwell Automation • Duration: 3 Days (24 hrs) • Code: MOT230C

COURSE MODULES & TOPICS

Course Purpose

- General Terminology and Hardware Overview
- Configuration and Programming in Studio 5000®
- Application Code Manager and iTRAK Libraries

Objectives

- Identify iTRAK 5730 and 5750 hardware
- Configure, energize and run the iTRAK 5730 and 5750 products within integrated motion projects
- Use iTRAK Libraries to energize and virtualize an iTRAK system

Prerequisites

- Getting Started with Independent Cart Technology (on-demand course)
- Level 1: Independent Cart Technology Portfolio (on-demand course)
- Level 1: iTRAK 5730 and 5750 Hardware (on-demand course)
- Experience with programming ladder logic
- Experience navigating Rockwell Automation and FactoryTalk enabled software

Student Materials

- Lecture presentation slides Includes the key concepts, definitions, examples, and activities presented in this course
- Lab procedures Provides learning activities and hands-on practice

Course Agenda

Day 1

- Identify hardware components in the iTRAK 5730 and 5750 systems
- Describe the IP address scheme for the iTRAK 5730 and 5750 motor modules
- Configure module and axis properties for the iTRAK 5730 and 5750 systems
- Energize the iTRAK 5730 and 5750 systems
- Describe how the iTRAK 5730 and 5750 systems renumber movers

Day 2

- Configure an iTRAK 5730 or 5750 Device Handler in Studio 5000 Application Code Manager
- Configure and use basic operations (Startup, Shutdown, Clear Faults, and Recovery Sequences)
- Configure device status, HMI animation, and Queued Jog in FactoryTalk® View ME software
- Commission the virtual track with FactoryTalk Logix Echo™
- Commission the physical track

Day 3

- Configure safety for iTRAK 5730 and 5750
- Additional time to complete labs or explore features