

GUIDE

Training Options

Training is an important element of dataPARC implementation and many training opportunities are available for your team. Whether on site, remote, or a custom option, we have the right training solution to bring your team up to speed.



Virtual Training

Recommended time: 12 hours of training

With dataPARC's virtual training, you will get a customized live training agenda with a dataPARC engineer, recorded videos that you can use for on-boarding or refresher training, and completion certificates for the attendees. The training agenda can be modified to fit your needs. Add as many or as few sessions as you want. The engineer will work with you to schedule the sessions to fit around your site's unique scheduling needs.



In-Person Training

Recommended time: 24 hours of training (three 8-hour days)

Nothing beats learning directly from an expert, which is why we offer in-person training. A dataPARC engineer will travel to your site to train your personnel face-to-face. The in-person training is a "train the trainer" style. Our goal is to train your site's engineers and management to train their operators. The best way to learn is to teach, after all! The engineer will work with you to modify the training agenda to fit your site's needs and to schedule a week (or more) at your facility.



Hybrid Training

**Recommended time: 6 hours virtual,
24 hours in-person (three 8-hour days)**

Get the best of both the virtual and in-person world with our new, hybrid training program. The basic user training is all virtual and recorded live, which means you will have on-boarding and operator training videos for years to come. The more difficult engineer and administrator training is conducted in-person, which allows your personnel to get their questions answered with a dataPARC engineer in the room. Just like the virtual and in-person training, the agendas and schedule are up to you. The engineer will work with you to modify the training agenda to fit your needs and schedule a week (or more) at your facility.

For more information contact: (360) 619-5010 or support@dataparc.com

**Below is an example of what a dataPARC training agenda may look like.
Training can be customized to suit your team's needs.**

Session 1 – 2 hours (Operator/Basic User)		
30 min	Intro to PARCview	Introduction to PARCview desktop client. Opening PARCview displays and accessing PARCview tools and help materials.
30 min	Using Trends	Fundamentals of analyzing tag data with our dynamic Trend control.
15 min	Tag Browser	Searching for tags and adding tags to displays.
15 min	Building Trends	Adding tags with the Tag Browser, creating MultiTrends, copying Trends, etc.
30 min	Run Browser	Generating “runs” based on fixed or variable periods of time that drive the timespan of Trends and Chart displays.
Session 2 – 1 hour (Operator/Basic User)		
15 min	Using Centerline	Explanation of Centerline displays and how to use
15 min	Using Waterfall	Explanation of Waterfall displays and how to view scanner data
15 min	Using MDE	Overview of Manual Data Entry (MDE) in PARCview, manually entering and saving data and explanation of different methods for generating MDE records
15 min	Using PARCgraphics	Basics of interacting with PARCgraphics displays.
Session 3 – 1.5 hours (Engineer/Advanced User)		
30 min	Trend Configuration	In-depth tutorial of right-click menu options and Trend properties.
15 min	Advanced Trend	
15 min	X/Y Charts	Creating Histogram, X/Y, and Tabular charts from Trends and configuring charts as standalone displays.
15 min	Histogram	
15 min	Tabular Charts	
Session 4 – 2 hours (Engineer/Advanced User)		
30 min	Scripted Tags: Expressions	Overview of our Script Editor, applying ad-hoc mathematical expressions to tags, writing reusable formulas, and saving new calculated tags.
30 min	Scripted Tags: Formulas	
60 min	Excel Add-In	Retrieving of fixed-step, rollup, alarm event, and manual-type data using Normalized Data sheets, the Function Painter, and Rollup Data sheets.
Session 5 – 2 hours (Engineer/Advanced User)		
30 min	Centerline Configuration	Configuring Centerline displays.
15 min	Logbook Configuration	Configuring Logbook areas and integration with PARCalarm server.
45 min	MDE Configuration	Creating MDE tags and displays.
30 min	Waterfall Configuration	Configuring Waterfall displays

Session 6 – 1 hour (Engineer/Advanced User)

60 min	PARCgraphics Designer	Constructing displays in PARCgraphics Designer, including configuring tag aggregates, applying converters, defining alarm behavior, building display links, and embedding PARCview Trends and charts.
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Session 7 – 2 hours (Engineer/Advanced User)

15 min	Alarm Events	Overview of PARCalarm Server, creating new alarm definitions through PARCview, applying reasons and comments to alarm events from Trends and Alarm Lists, analyzing alarm event data with Pareto charts.
15 min	Alarm List Use & Configuration	
30 min	Alarm Configuration	
15 min	Pareto Charts	
15 min	Grade Maintenance	Configuration and integration of grades and SQC/SQLC-based tag limits throughout PARCview displays and analysis tools.
30 min	Tag Limits	

Session 8 – 2 hours (Super User)

60 min	PARCTask	Creating PARCTask workflows and scheduling PARCTasks in PARCView
60 min	dataPARC Historian	Adding and updating tags in dataPARC.Store through dataPARC.Manage. Includes dataPARC.Collect.Classic and dataPARC.Collect.Modern data collectors.

Session 9 – 2 hour (Administrator)

15 min	System Configuration I	Configuring process areas, assigning tags to process areas, building a reason tree, creating time periods, and setting up sources.
30 min	System Configuration II	
15 min	Tag Search and Replace	Replacing tag names, descriptions, etc. in all PARCView displays and calculations
60 min	PARCServer Services	Overview of PARCServer services running PARCview

Sessions 10 & 11 – 2 hours

60 min	Workshop/Q&A	Two 1-hour drop-in sessions specifically for workshops, build requests, and questions.
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Additional Session Modules

60 min	PARCGraphics Scripting	Creating custom VB.NET code in PARCGraphics
30 min	PARCgraphics MDE	Creating imbedded MDEs in PARCgraphics
30 min	Nexus	Overview of Nexus, including creating and viewing displays on mobile devices with web browsers
60 min	PARCcalc Config	Legacy - Creating historized calculated tags using PARCcalc Config and VB6 scripting
60 min	PARChistorian	Legacy – Adding and updating tags in PARChistory using the Excel Add-in. Includes PARCIO and PORTIO data collectors.
30 min	PARCsecurity	Overview of PARCsecurity, AD integration, and area access
15 min	dataPARC Folder Structure	How to navigate the folder structure to troubleshoot problems before contacting support
15 min	dataPARC Upgrades	How does dataPARC upgrade a site to a new version? Who do I contact for upgrades?