GUIDE

2021 Training Options

Training is an important element of dataPARC implementation and many training opportunities are available for your team. Whether on site, remote, in-person at the Capstone Vancouver, WA office 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 (6 session)

With travel restrictions in place globally, being able to virtually train your workforce is more important than ever. 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 (3 sessions), 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.

Vancouver, WA Training*

Recommended time: 24 hours (three 8-hour days) + travel time

Visit the beautiful Pacific Northwest and learn about dataPARC at the same time! Our Vancouver, WA training option allows you to send a few key administrators to a dataPARC bootcamp, where they'll learn from some of the original dataPARC designers exactly how dataPARC works and how to best introduce and utilize the software at your facility. A three day training course with our senior engineers and documentation team will give you a better understanding of dataPARC than ever. The Vancouver, WA training class is offered quarterly*.

For more information contact: (360) 619-5010 or support@dataparcsolutions.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 – 1.5 hours			
1.01	30 min	Intro to PARCview	Introduction to PARCview desktop client. Opening PARCview displays and accessing PARCview tools and help materials.
1.02	30 min	Using Trends	Fundamentals of analyzing tag data with our dynamic Trend control.
1.03	15 min	Tag Browser	Searching for tags and adding tags to displays.
1.04	15 min	Building Trends	Adding tags with the Tag Browser, creating MultiTrends, copying Trends, etc.

Session 2 – 2.25 hours			
2.01	30 min	Trend Configuration	In-depth tutorial of right-click menu options and Trend properties.
2.02	15 min	Advanced Trend	
3.04	30 min	Tag Limits	Configuration of SQC/SQLC-based tag limits throughout PARCview displays and analysis tools.
1.13	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.
2.09	30 min	Alarm Configuration	
2.10	15 min	Alarm List Use & Configuration	

Session 3 – 1.75 hours			
1.05	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.
2.03	30 min	Scripted Tags: Formulas	
1.09	15 min	Using Centerline	Configuration and use of Centerline displays.
2.05	30 min	Centerline Configuration	

Session 4 – 2.25 hours			
1.11	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.
2.07	45 min	MDE Configuration	
1.06	15 min	X/Y Charts	Creating Pareto, Histogram, X/Y, and Tabular charts from Trends and configuring charts as standalone displays.
1.07	15 min	Histogram	
1.08	15 min	Tabular Charts	
2.11	15 min	Pareto Charts	
1.15	15 min	Using PARCgraphics	Basics of interacting with PARCgraphics displays.

Session 5 – 2 hours			
2.14	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.
2.12	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.

Session 6 – 1 hour			
2.15	15 min	System Configuration I	Configuring process areas, assigning tags to process areas, building a reason tree, creating time periods, and setting up sources.
3.11	30 min	System Configuration II	
6.10	15 min	Tag Search and Replace	Replacing tag names, descriptions, etc. in all PARCview displays and calculations.

Sessions 7 & 8 – 2 hours			
	120 min	Workshop/Q&A	Two 1-hour drop-in sessions specifically for workshops, build requests, and questions.

Additional Sessions			
2.04	30 min	Run Browser	Generating "runs" based on fixed or variable periods of time that drive the timespan of Trends and Chart displays.
3.03	15 min	Grade Maintenance	Adding existing recipes and grades to PARCview.
3.10	30 min	PARCtask	Creating PARCtask workflows and scheduling PARCtasks in PARCview.
3.08	60 min	PARCgraphics Scripting	Creating custom VB.NET code in PARCgraphics.
2.13	30 min	PARCgraphics MDE	Creating imbedded MDEs in PARCgraphics.
6.07	30 min	PARCmobile	Overview of PARCmobile, including viewing trends and graphics on mobile devices without PARCview.