



Dream Report Advanced Training Course

The *Dream Report Advanced* technical training course is a 2-day, hands-on instructor-led class designed to provide students with a detailed understanding of how to implement many of the advanced features of the Dream Report™ reporting software.

Dream Report is the leading programming-free, user-friendly reporting solution specifically for industrial automation. It was designed to be the simplest solution to extract data from almost any control system (PLC's, HMI's, standard protocols), process Historians, and open databases, and automatically provides reports to anybody, anywhere.

Objective

Upon completion of this course, you will be able to:

- Implement advanced Batch reporting
- Implement electronic signatures on PDF reports for regulated industries
- Utilize all the extensive SQL-based features – SQL query management, visual SQL query builder, and use “dynamic tokens” in queries in all reporting objects
- Create manual data entry web forms
- Extend reporting functionality in the DRWeb portal
- Perform advanced scripting using the Lua scripting engine
- Configure the Remote Connectivity Service for reporting on remote data sources
- Project maintenance, tuning, backups and troubleshooting tips

Audience

This training is intended for end-users, system integrators, engineers, and technical professionals who are experienced with implementing Dream Report, wanting to take advantage of the many advanced features in Dream Report, and to get tips and techniques from real-world Dream Report implementations.



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Advanced Course Outline

Day 1

Module

1. Review – Project Creation, Development Architectures and Advanced Settings
2. Advanced Batch Reporting
3. SQL Query Management
4. Using SQL Queries in Reporting Objects
5. Pivot Groups
6. Advanced Dynamic Web Elements & Internal Project Parameters
7. Manual Data Entry – Data Entry forms and Advanced Data Management

Day 2

Module

8. LUA Scripting
9. Advanced Database Management
10. Remote Connectivity Service
11. User Management – Implementing Electronic Signatures
12. Reporting Data Server (RDS)
13. Runtime Management
14. Project Maintenance, Tuning & Troubleshooting



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