

eLearning Course descriptions



1. Introduction to AutoCAD Essentials

Learning to use CAD can be challenging at first, so for the first time MineRP is offering a course to introduce users to the concepts behind CAD systems. Learn the different terminology and uses behind our MineRP CAD software before learning how to use MineRP CAD. The purpose of this course is to introduce new CAD users to the concepts behind the software before introducing them to MineRP CAD.

2. MineRP CAD

MineRP CAD offers CAD capabilities extended for mine planners, surveyors and other specialists who generate and manipulate spatial and volumetric data.

Tightly integrated with MineRP Explorer, MineRP CAD allows users to easily load, filter and visualise integrated datasets while facilitating printing, plotting and web-based publishing of views

3. MineRP Products: EPS

EPS is a class-leading scheduler suitable for Underground and Open Pit Scheduling, Optimization and Visualization. MineRP EPS delivers unrivalled capabilities to schedule both production and non-production tasks (like maintenance) in one user-friendly but powerful enterprise scheduler.

Users of EPS can interactively update schedule rules and dependencies between tasks or use levelling algorithms to optimize schedules automatically. Gantt charts and many other reports provide schedulers with rich mine planning KPIs.

4. MineRP Products: EPS Viz

EPS Viz is an essential companion to EPS to enable an in-depth understanding of the extraction method.

No mine scheduling tool is complete without 3D visualization and collaboration capabilities. With EPS Viz, schedulers can visualize, compare, and even update and evaluate schedules on the fly.

5. MineRP Products: SpatialDash

Mines use SpatialDash to keep management and teams informed. Forever change your daily reports, operations meetings, and live production feedback with role-based production KPIs visualized against rich mining layouts, maps, or even photos. With interactive graphs, charts, heat-maps, trend-prediction and iconography that highlight risk and demonstrate progress, your entire team remains informed and motivated to perform. The perfect companion to your BI solutions, SpatialDash brings production reporting and visualization to life.

6. MineRP Products: Spatial Analyzer

Visualize, analyse, and animate any spatially-referenced data with Spatial Analyzer. A 3D visualization and analysis tool designed for data scientists, analysts and mining specialists, Spatial Analyzer provide mines with a means to picture the answers to “what happened, where and when” questions.

Applications are endless and include tasks like animating mine designs and schedules or calculating and visualizing compliance to plan. By accessing and visualizing any mining data, the investigative possibilities are infinite.

7. MineRP Products: Mine Planner

MineRP Planner is the world’s first platform-based parametric mine planning solution that brings mining into the 21st century. Designed for any mining method or commodity, it includes Parametric Mine Design, Sequencing and Scheduling and Optimization Tools such as minable shape optimization, resource levelling, advanced schedule optimization and targeting/blending capabilities.

8. MineRP Products: Volumetrics

MineRP Volumetrics provides everything the surface, open pit or underground mine surveyor needs to manage survey processes and work with spatial data collected in the field. With specialised tools for Open Pit, Massive, and Narrow Tabular ore bodies, MineRP Volumetrics makes it easy to get data from instruments and integrates with MineRP CAD for highly specialized draughting, plotting, modelling, post-processing, and reconciliation functionality.

Whether you are collecting data via legacy tools like tapes and ties, recording points shot with devices such as total stations or distomats, or using scanning devices that produce point clouds, MineRP Volumetrics can handle your data and improve your survey process.

9. MineRP Products: WorkManager

Work Manager is a short-term planning and work management tool for Short Interval Control (SIC). Collaboratively plan, execute, check and review work to achieve the optimal compliance to plan. Go beyond production and manage all work done during the shift with built-in orchestration of resources and integration with the short-term schedule.

10. MineRP Products: MineForms

Business processes make or break a mine. To reach its full potential, your processes must be as efficient and effective as they can be. MineForms is a Business Process Modelling tool used to develop digital applications and embed business rules within the organisation. With MineForms, clients can create highly customizable web-based apps to collect data, orchestrate work and manage processes and workflows.

11. MineRP Service Support (Internal)

Support Service is to deliver better customer service and also to improve operational sustainability to add value to the customer business: Contract Management, Information Technology Service Management (ITSM) and Incident and Replication.

12. MineRP CAD Admin & Security Admin (CAF)

The course will help you grasp the sequence of configuration items for CAD Admin modules and understand the concepts of Libraries, Entities, Attributes, and how they relate to one another.