Minemax Scheduler Advanced Training
Course Outline

Course Title:	Minemax Scheduler Advanced
Course Type:	Face to Face Training with Hands-On Activities
Duration:	3 days, 9am – 5pm
Course Overview:	This course provides advanced training in modelling techniques with Minemax Scheduler software for mine schedule optimization with a focus on hands-on activities.
Course Outcomes:	At the completion of this course, participants will have competency in: • Effective use of decision trees • Utilizing Scheduler processes, their interaction logic, and supporting mappings to effectively model more complex scheduling and reporting situations • Capex modelling for infrastructure optimization • Waste dump modelling for simultaneous pit and waste dump schedule optimization
Course Topics:	**Alternative Processes (AP) Modelling – skillfully employing Scheduler processes, logic, and mappings to model projects which involve more complex decision and reporting situations, including:** • Multiple pits with separate, dedicated truck fleets • Variable recoveries and recovered metal • Downstream alternatives with an upgrade prcoess • Downstream alternatives with material type-based restrictions • Multiple products, each with their own sale price and blending constraints **Waste Dump (WD) Modelling – effectively utilizing Scheduler's new waste dump modelling functionality to fully integrate both pit extraction and waste dump construction into a simultaneous optimization, including:** • Detailed truck hours and material reporting • Fixed cut-off grade with multiple waste dumps • Alternative processes with a single and multiple waste dumps • Alternative processes with both a leach pad and waste dump • In-pit waste dumping **CAPEX (CX) Modelling – leveraging Scheduler's CAPEX functionality to model and answer economic questions of whether or not to expend capital for increased process capacity, including:** • New pit with CAPEX and controlling CAPEX timing with trigger • Adding an upgrade process • Adding an alternative trucking route with CAPEX • Fixed processing cost with CAPEX
Pre-Requisites:	• Minemax Scheduler Basic Training

Training Venue:	**Perth, Australia Office:** Level 3, 182 St Georges Terrace, Perth, WA 6000 AUSTRALIA Parking: No parking in the building. Refer to public car park facilities for inner-city parking. A great variety of public transportation nearby.
	Denver, USA Office: Corporate 25 Building, Suite B295, 7200 S. Alton Way, Centennial CO 80112, USA
Meals:	Morning tea, lunch and afternoon tea will be provided. Special dietary requirements can be accommodated upon your request.
Hardware and software:	Training laptops will be provided. Participants can bring and operate their own laptops upon request. **Min PC Requirements**: MS Windows operating systems using.NET Framework 4 (Windows Vista SP2 to Windows 8 x 64bit), 4 GB of RAM, 2.5 GB if .NET Framework 4 not pre-installed, 500 MB otherwise. Minemax training software and training data for hands-on exercises will be provided. Use of own data is excluded to ensure confidentiality.
Training resources:	Training slides, training manual, hands-on exercises, Minemax Scheduler software

Contact jan.scott@minemax.com for bookings and special requirements.

Minemax Pty Ltd
Level 3, 182 St Georges Terrace
Perth, WA 6000 Australia
Tel: (+618) 9226 3288 Fax: (+618) 9226 3299