Sage X3 for Mining

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The mining industry is in a constant state of flux around cost control, return on capital and commodity prices. Previously, mines looked to maximise value by increasing production volumes. Nowadays there is a shift - mines look to technology to improve efficiency of operations, resulting in increased productivity and ultimately, better returns.

Sage X3, DRA and OSIsoft Pi join forces to bring the Mining Industry a system that will take your business into the Digital age, offering rich functionality that is built on state of the art technology and provides core business benefits.

MOMS (Mine Operation Management System) enables Mining Companies to better manage their supply chain, improve control and management of their process plants and ensure that their assets are delivering at maximum efficiency levels. MOMS provides the right information, at the right time to the right people, ensuring that pro-active decision making is possible for Mine Management.

The availability of skilled operations and maintenance resources specifically on mines in remote locations is a common issue that affects profitability. MOMS acts as an enabler by coordinating maintenance activities as well as guiding operations staff to avoid abnormal occurrences. This further ensures that assets are used optimally and efficiently on the process plants.

Are you currently able to answer the following questions?

- What is my true per ton operating cost?
- What are my top reasons for equipment downtime?
- Is my material supply adversely impacting production?
- My actual production vs. plan/yield targets?
- What is the most common cause of rework?
- What is my plant lost opportunity cost?
- What are my machine/department/plant constraints?
- When did my mine run at its highest efficiency, utilization and recovery levels?
- How will today's production impact my company's cash flow, revenue, costs and forecasts?

With MOMS you will be able to answer these and other questions, all while driving efficiencies gleaned from this increased access to effective data.

Take your business into the Digital age with Sage X3's state of the art technology

Get more done, faster.

Fully integrated systems eliminate data duplication, saving time and effort.

Go where your business takes you.

Access your data on any mobile device for full control and execution from any location resulting in better productivity, better customer service and better access to critical knowledge for safety and upskilling.

Take back control over your processes.

Eliminate inefficiencies, ensure compliance and streamline operations, with end-to-end integration of your business processes to control costs and improve profits and controls.

Get the insight you need, when you need it.

Evaluate risks and monitor performance in real-time with user dashboards, giving you a true understanding of what is happening within your business operations – as it happens.

Gain accuracy and efficiency.

Shift based configuration allows for more accurate information flow, greatly enhanced efficiency & cost reduction.

One system, anywhere at anytime.

Replace legacy systems that inhibit performance through duplicate processing, weak integrations and an over-reliance on spreadsheets to make decisions.
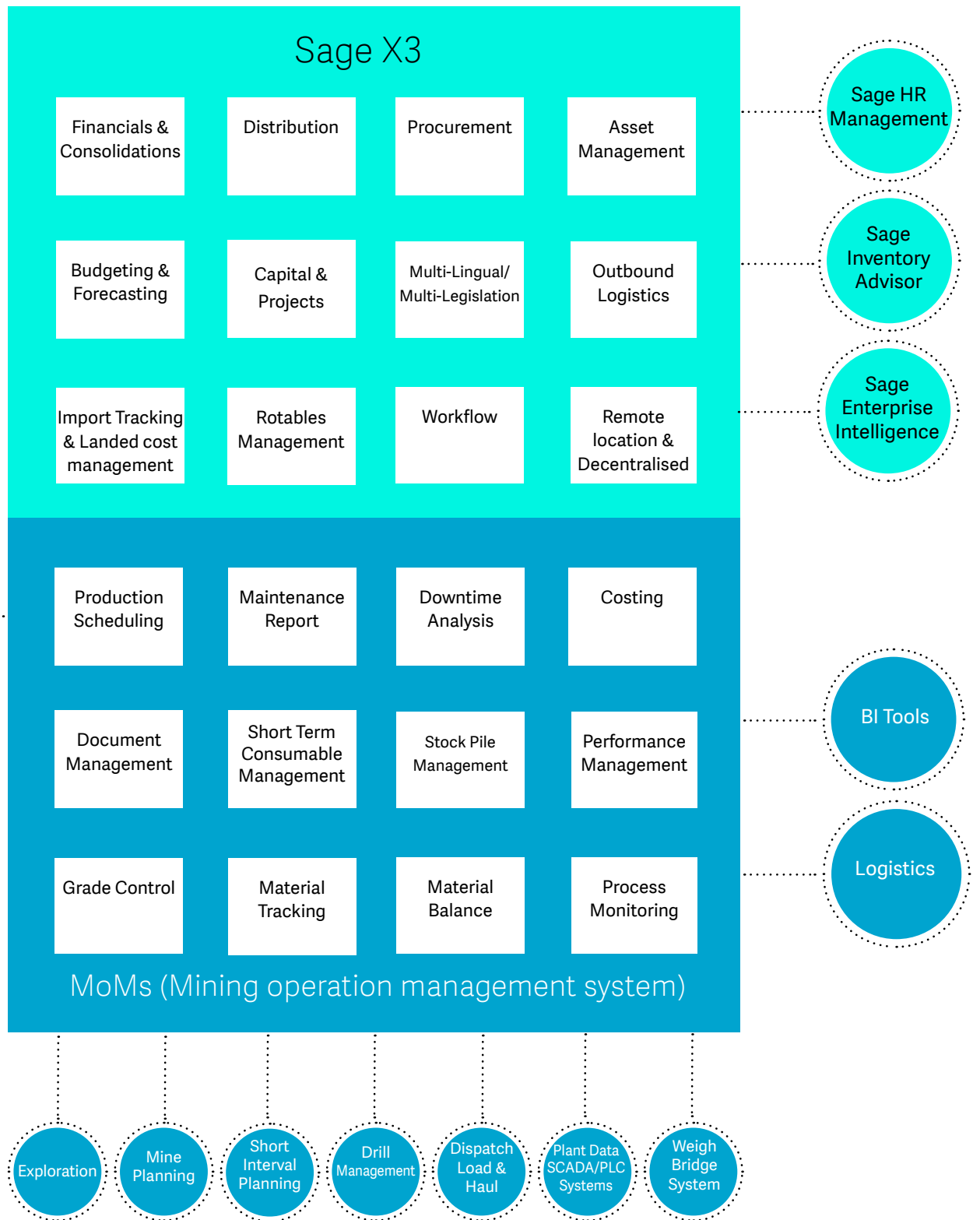
Integration made easy

MOMS, powered by Sage X3 and OSIsoft PI, is built to manage both front and back office operations, running entirely in the browser across any device, scaling to thousands of users and seamlessly integrating to external systems. MOMS is the natural choice of mining solutions, with configurable business rules and processes, along with a superior user experience that leads the market.

MOMS functional components

- Production planning & scheduling
- Performance calculation - efficiency & utilisation
- Downtime analysis
- Document management
- Process monitoring
- Maintenance support

- Quality management
- Mass / material balance
- Material tracking
- Performance management
- Reporting
- Cash flow planning and management

System Architecture

Sage X3

Financials & Consolidations	Distribution	Procurement	Asset Management
Budgeting & Forecasting	Capital & Projects	Multi-Lingual/ Multi-Legislation	Outbound Logistics
Import Tracking & Landed cost management	Rotables Management	Workflow	Remote location & Decentralised

Sage HR Management

Sage Inventory Advisor

Sage Enterprise Intelligence

LIMS C-Class

Production Scheduling	Maintenance Report	Downtime Analysis	Costing
Document Management	Short Term Consumable Management	Stock Pile Management	Performance Management
Grade Control	Material Tracking	Material Balance	Process Monitoring

BI Tools

Logistics

MoMs (Mining operation management system)

Exploration

Mine Planning

Short Interval Planning

Drill Management

Dispatch Load & Haul

Plant Data SCADA/PLC Systems

Weigh Bridge System

Now is the time to take back control and deliver exceptional performance

There is an absolute need to review systems now. Challenges in the industry are at an all-time high and demands to deliver on production numbers are unrelenting. These pressures lead to potential inefficiencies at a time when budgets are unlikely to grow considerably, meaning costs must be better managed. Now is the time to review the technologies available to take back control and deliver exceptional performance, regardless of the challenges.

The fundamentals of mining have not changed – what's needed is a change at operational level that embraces the digital era. This presents a dilemma in an industry that has been moulded using cultural and traditional business models over many decades. Now is the time to show how the mining industry can indeed perform, overcome challenges and satisfy stakeholders in all kinds of economic climates, for many years to come.

About Sage

Sage energizes the success of businesses and their communities around the world through the use of smart technology and the imagination of our people. Sage has reimagined business and brings energy, experience and technology to inspire our customers to fulfil their dreams. We work with a thriving community of entrepreneurs, business owners, tradespeople, accountants, partners and developers who drive the global economy. Sage is a FTSE 100 company with 14,000 employees in 24 countries. For more information, visit www.sage.com.

Sage X3

Sage X3 is Sage Group's global ERP solution for mid-sized companies and subsidiaries of large groups with international demands. For over 10 years Sage X3 has been a proven and comprehensive ERP solution addressing mid-market companies' specific requirements and challenges in industries from manufacturing and services, to distribution and many more. 5,100 customers in 100+ countries worldwide have chosen Sage X3 because helps companies grow forward with faster, simpler and flexible ERP. For further information, please visit: www.sagex3. com

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