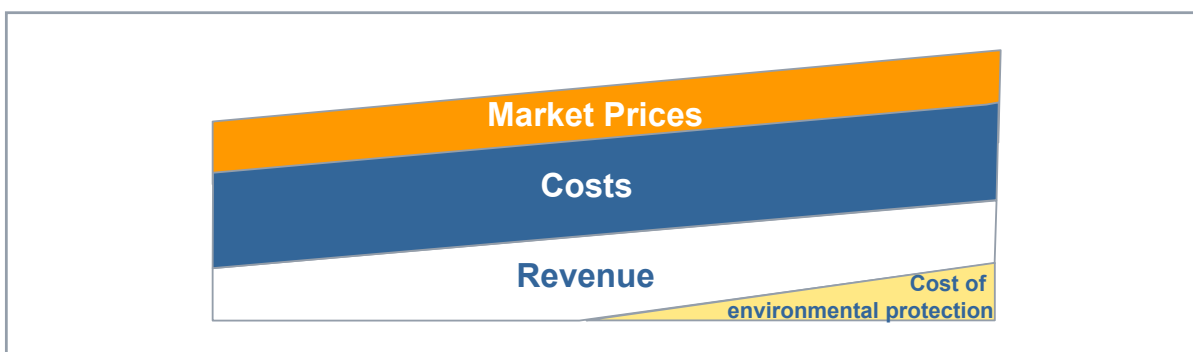


Environmental and Social Issues Require New Investment in Mining Regions

Bernd Zehentbauer, Mining Technologies

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Environmental and social challenges require new investments in mining regions




Increasing costs of environmental protection, energy and safety require new measures and additional investment. Siemens supports its customers with this new challenges in respect of energy saving, water treatment and transparency in operation in order to increase output and decrease costs.

Process driven solutions lead to cost optimization



Energy-generating downhill conveying



Up to 21 MW energy generation

AC-drive solutions for trucks and shovels



Up to 15% OPEX reduction

MES

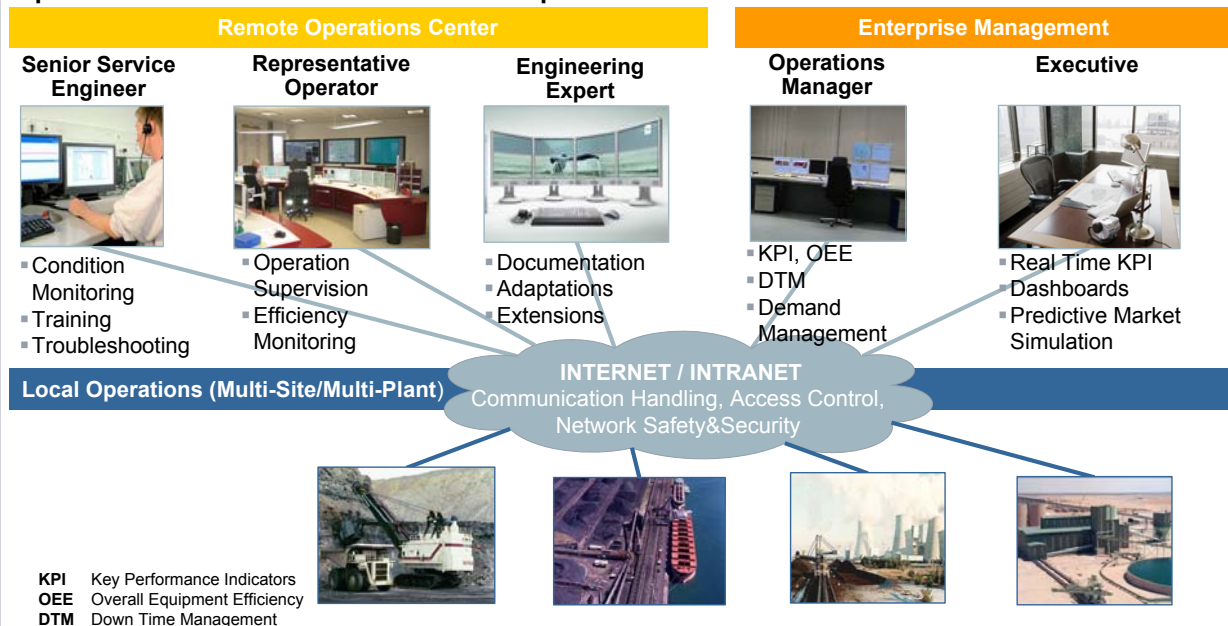


Overall Equipment Efficiency

Enabling the Integrated Enterprise Vision: Operational Support Center



Totally Integrated Information: Operator and management get their specific information from production floor based on the same data pool



Our Portfolio meets requirements in respect of environment and local demands



Mining solutions

Mobile mining solutions



Drive solutions



Power supply and distribution



Conveying/bulk material handling



Separation solutions



Water treatment solutions



Automation/Execution systems



Lifecycle services



Our mining know-how and network of experts are available worldwide to meet the local demand

