

Metso:Outotec

Metso Outotec Metrics

Next generation remote monitoring
solution for aggregate customers
and distributors

Leave no stone
unturned



Metso Outotec Metrics connects your mobile crushers and screens giving you data-visibility to improve:

- Availability • Performance • Reliability • Profitability •



Metso Outotec Metrics services



Sustainability

CO2 footprint tracking and fuel consumption helps to keep you on track to reach a greener future together



Access your live data 24/7

Secured cloud-based platform for remote monitoring of mobile equipment by authorized users



Data-driven decisions

Dashboards on utilization, production and energy consumption among others, over customizable periods, to analyze a wide range of data variables and make informed decisions that impact operations



Stay ahead of the curve

Maintenance plan and logbook to help anticipate service activities and manage parts change-outs in a cost-efficient manner



Safety and best practices

Time-stamped alarms from unit automation system and parameter change notifications to help take timely action and identify areas of improvement



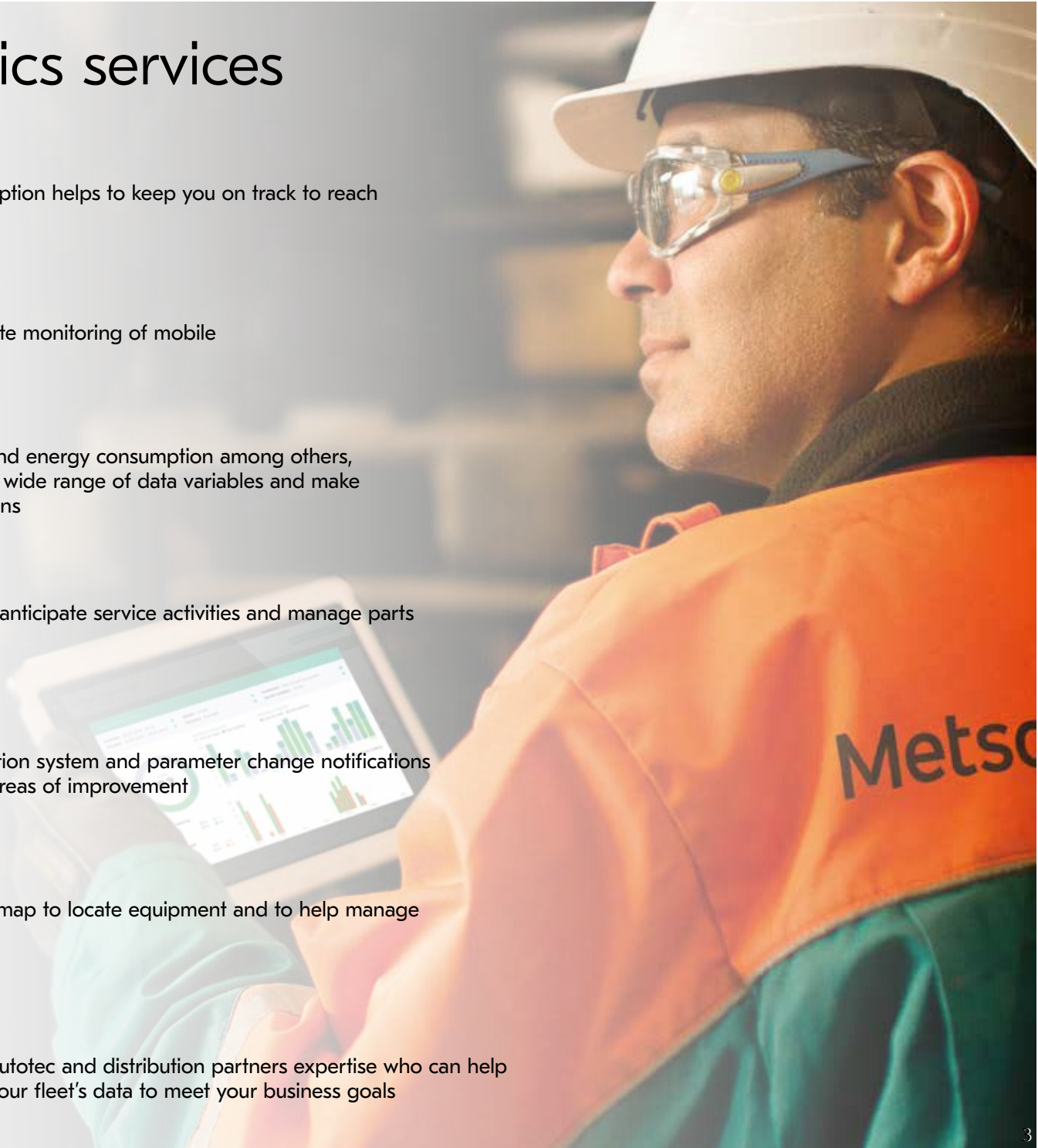
Geolocation

Simple zoom-in and out on the world's map to locate equipment and to help manage mobile production assets



Leverage instant expertise

Optional and instant access to Metso Outotec and distribution partners expertise who can help you with troubleshooting or analyzing your fleet's data to meet your business goals



Modernize your equipment, become digitally current and make your data work for you!

While newer machines come equipped with Metso Outotec Metrics, legacy equipment can in most cases be modernized and integrate equipment digital connectivity with a Retrofit Kit. Leverage Metso Outotec and our partners' knowledge to measure, maintain and manage with Metrics. Boost your equipment's performance and increase both uptime and overall asset life.

Sustainability



Measure and reach sustainability ambitions by tracking and improving KPIs such as energy and fuel usage. Use remote monitoring and support to circumvent field visits to increase uptime, save costs and travel-related emissions.



Metrics retrofit kit

Boost your performance without a large capital investment!



CO2 tracking



Live process data



Live crusher status



Real time engine monitoring



Geolocation

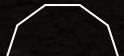
61.4978° N, 23.7610° E



Real decisions in real time

Latest platform updates

- Real-time data that is immediately available on web-enabled devices
- Advanced real-time troubleshooting
- New features will continually be developed as Metso Outotec's R&D team is always innovating based upon demand
- Coming soon: Integrated mass flow measurement for tracking production and waste helps you quantify your performance



Data driven decisions

Focus your efforts and build better efficiency with the right information

- Quickly identify under-performing assets and use Metso Outotec and distributor expertise with OEM spare parts to maximize productivity
- Upskill and train plant personnel to push equipment to optimal performance
- Easily plan service routes using geolocation when servicing multiple machines at different sites
- Maximize resale value by drawing on maintenance logs and service history
- Instantly trouble-shoot, increase productivity and reduce stress with Metso Outotec and distributor experts digitally close-at-hand



Unlock hidden potential

Knowledge is power. When considering your kilowatt hours per crushed ton (kWh/t), this digital tool provides you the data you need to make measurable savings and gains and boost your profitability.



Additional services to raise the bar

Get the most out of your assets with a tailored package to match your unique site goals. Both in the field and remotely, use Metrics to audit the site, assess the current state and tailor a mixture of these four key services below. Raise the bar, gain peace-of-mind, lengthen useful asset life and increase the total amount of rock crushed!

Equipment protection services

Equipment Protection Services (EPS) is designed to bring added protection for your most valuable assets while reducing financial risks by anticipating and minimizing unexpected equipment failures. EPS is composed of three core elements: scheduled inspections from certified inspectors, extended warranties on designated components and remote monitoring.

Peace of mind

Availability services

Availability Services focus on maximizing operational uptime and minimizing unexpected failures and service stops. Minimize unexpected failures by focusing on Chamber selection, ScreenCheck optimal set up, 1000h Inspection services as well as preventive maintenance parts plans. Minimize downtime by: stocking critical parts kits, having on-site consignment stock as well as field service troubleshooting support.

Bring the hours

Performance services

Increase capacity, lower your cost per ton and meet specific size-reduction requirements. Reach your performance goals by applying forward-thinking processes and equipment probes such as Bruno analysis, wear part selection and Crusher and Screen load balancing. Improve your asset performance by considering Chamber selection and simulation as well as optimal crusher parameters, and screen and chamber selection and optimization.

Reach your goals

Asset upgrade services

Leverage upgrades and retrofits to keep your Lokotrack running optimally and push for extra production, performance and uptime by effectively maintaining equipment throughout its lifespan.

- Asset Care** - Maintain performance and availability
- Asset Boost** - Easy-to-order and install options, upgrades and retrofits
- Asset Improve** - Advanced upgrades and retrofits

Raise the bar

For more information explore:
live.mogroup.com/lokotrack/services

