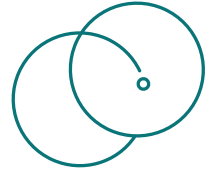




fives



PROCESS  
TECHNOLOGIES

ALUMINIUM

# SMARTCrane for supporting operations and maintenance



From a reactive support to a pro-active assistance in Pot Room and Anode Baking Furnaces

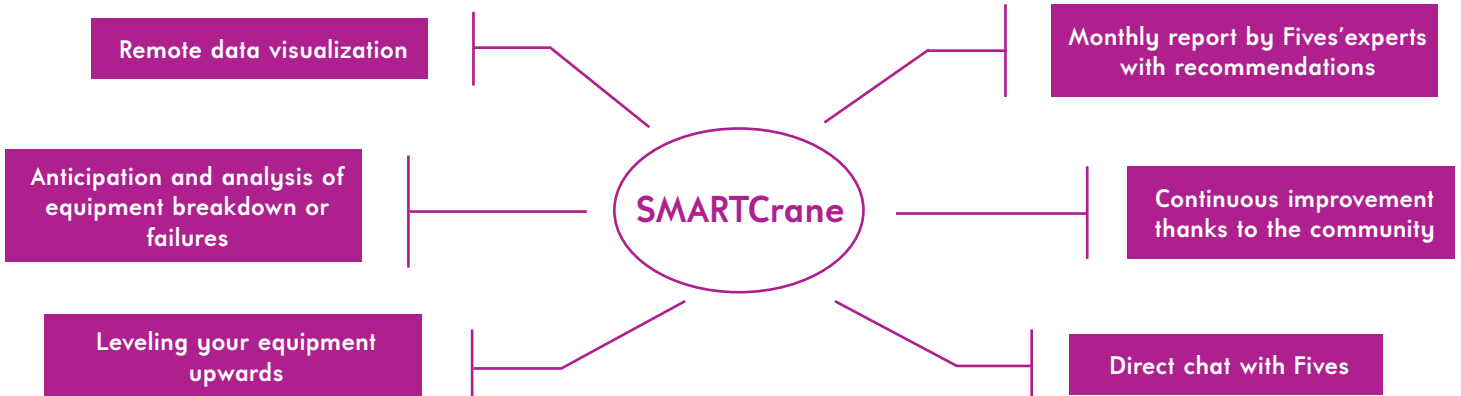
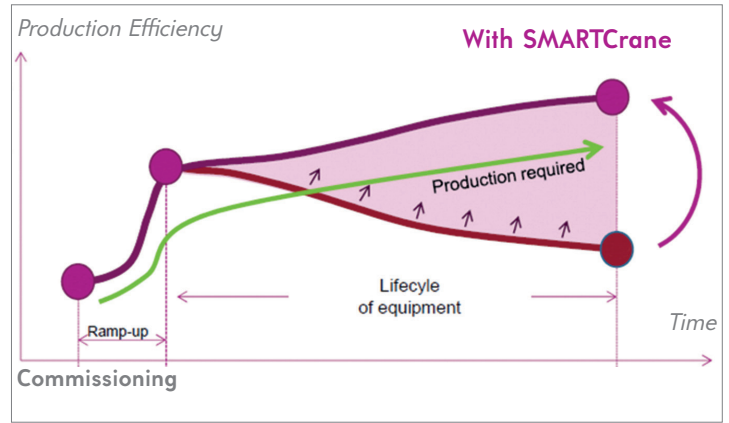
- Benefit from a 70-year OEM expertise
- Decision-making with the right data
- Assistance on progress plans and lean management
- Sustain operation practices by identification of process non-compliances
- Track the respect of SOP to identify the potential hazards for both people and equipment
- Maintenance planning assistance by highlighting the needs in advance
- Factual data sharing between operation and maintenance team



# Optimizing equipment performance thanks to continuous follow-up of production and maintenance

Fives has developed a new digital solution to help you further optimize your ECL equipment operation.




Through remote data visualization, Fives' SMARTCrane service allows to monitor the performance of your crane fleet in real time, by giving you access to critical incidents in order to anticipate maintenance needs.






## TYPICAL INFORMATION COLLECTING WITH SMART CRANE:

- KPI (Key Performance Indicators): availability and use rate by equipment or tools, temperature, overall distance traveled
- Process (depending on operations): time by operation and by equipment, event occurring during operations, number of breaking and shovel closing time per anode change...
- Faults: history with the most current ones (by tool, by operator...), Top 10 cumulative fault over time...
- Machine critical occurrences notification, through text or email alerts

- Downtime reduction in potroom
- OPEX savings
- Safety improvement
- Remote assistance

-  **Access your data securely 24/7 anywhere**  
Secured client platform for crane remote monitoring by authorized users with pre-defined levels of access rights
-  **Make decisions based on the right data**  
Dashboard on use and production over customizable periods to take the right decisions
-  **Stay one step ahead with your maintenance activities**  
Maintenance plan and logbook to help anticipate service activities and manage parts replacement cost-effectively

-  **Improve safety and best practices**  
Time-stamped alarms including parameter change notifications to take timely action and identify improvement areas
-  **Quickly produce the reports you need**  
Online report available in excel or pdf formats, daily/weekly/monthly summaries by email
-  **Capitalize on Fives' expertise at your service**  
Optional assistance to help you track trouble shooting or analyze data to achieve your business objectives

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