

Condition monitoring of stackers prevents downtime

A digital system issues maintenance-oriented warnings before standard DCS alarms

SITUATION

Stackers at mining site

Considerable pressure difference between luffing cylinders, above normal operational level, indicated by OEM with the following consequences:

- If confirmed that sensors connections are switched, inconsistent feedback for luffing elevation control
- If confirmed failure of pressure distribution control system, luffing cylinders warpage

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SOLUTION

Asset Health Index Dashboard and Faceplate details

- Alarmed conditions
- Severity level
- Possible causes
- Suggested actions
- Condition Monitoring System integrated to Control System

SCOPE OF DELIVERY

- [ABB Ability™ Asset Vista Condition Monitoring for mining](#)

SUCCESS

Production, repair and spare parts savings

- Maintenance-oriented warnings before standard DCS alarms
- Avoided downtime
- Further savings on parts, man-hours and parts logistic costs

BENEFITS

