TECHNOLOGY THAT WILL TRANSFORM YOUR OPERATION

FLEXCO
eleVate®
BELT CONVEYOR INTELLIGENCE™

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FLEXCO ELEVATE®
PLATFORM OVERVIEW

As a wireless platform that transfers data via cloud technology, Flexco Elevate® is remote, real-time monitoring of belt cleaners from an intuitive digital dashboard. Belt cleaners are connected and data insight continually gathered using cutting-edge analytics. Information is transferred to the Elevate Dashboard from state-of-the-art devices attached to every Flexco cleaner throughout the operation. That information combines with maintenance information that is logged via a mobile app to provide predictive data-driven insights direct to your dashboard so you can take action with confidence.

Asset Management
Digital mapping of all installed Flexco cleaners at your location and across your operations provides visibility of assets and allows for more efficient resource planning.

Increased Productivity
Elevate makes it easy to manage your belt cleaner service, you know exactly when and where to deploy maintenance support.

Improved Safety
Elevate reduces, and in most cases eliminates, the need for dangerous physical inspections along the beltlines.

No Guesswork
Your team will know exactly when and where service is needed on Flexco cleaners from the convenience of the dashboard.

ROI from Day One
Data insights are immediately transferred to your Elevate Dashboard so you can realize an increase in operational efficiency from day one.

Leverages Existing Assets
The Elevate Platform works with your existing Flexco belt cleaners – no additional investment in cleaners is required.

Remarkably Easy
From installation and activation, to mobile app and dashboard, everything about Flexco Elevate® is user-friendly and designed to make your job easier.

INTRODUCING TECHNOLOGY TO TRANSFORM YOUR OPERATION, FLEXCO ELEVATE® BELT CONVEYOR INTELLIGENCE

ELEVATE digital transformation by reducing the need to be on site and increasing the freedom to access real-time insights remotely.

ELEVATE the ability to plan service by enhancing identification of specific belt cleaners in need of attention.

ELEVATE service team performance with a powerful tool that enables predictive maintenance.

Live data is wirelessly transmitted

Real-Time Status Dashboard

FLEXCO

Service Partner

Mine Operator

DATA INSIGHTS REMOVE
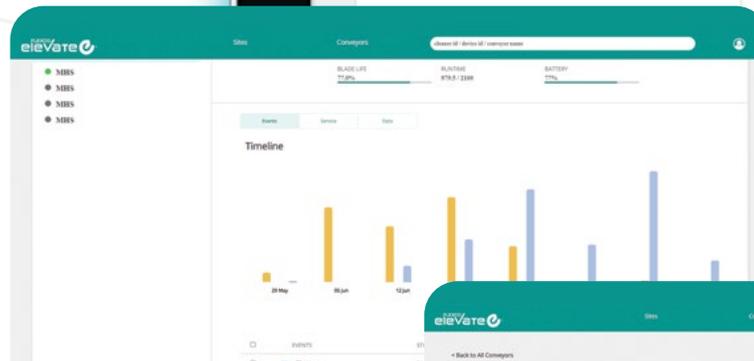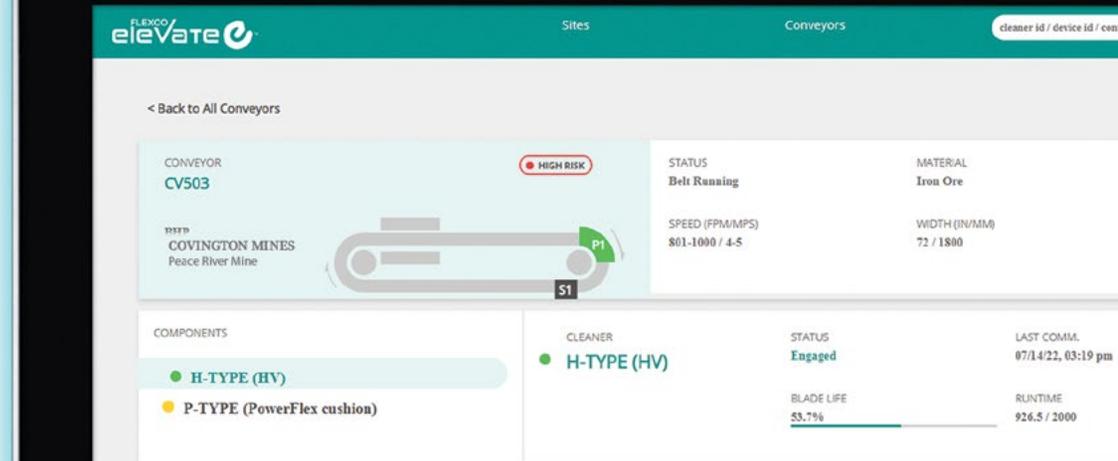# BELT CLEANER GUESSWORK

With the Flexco Elevate® deployment in place, operations will have immediate access to data to easily measure internal efficiencies and monitor productivity.

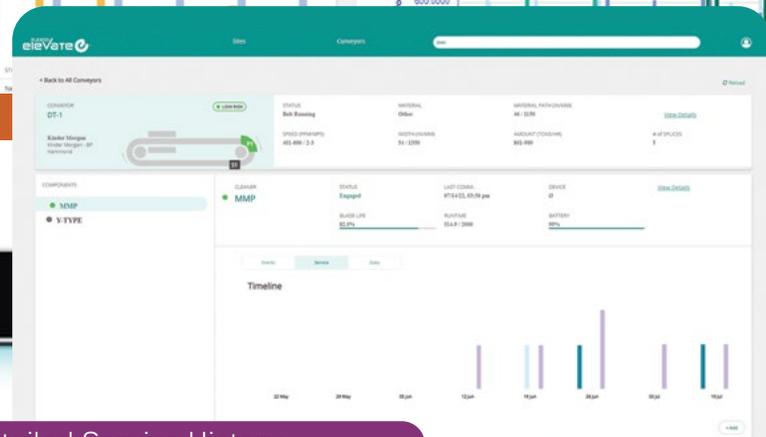**WHAT THE INTERACTIVE DASHBOARD TELLS OPERATORS:**

- Location of installed cleaners at your location and across your operation

- Belt Conveyor System specifications

- Belt Cleaner engagement

- Belt and Cleaner run times

- Urethane and Carbide blade wear

- Belt Cleaner Spring Tensioner reminders

- Abnormal event notification

- Tamper detection

- Detailed Maintenance Logs with exact times and exactly what was done

> **" The bottom line - Elevate works seamlessly right out of the box and is a completely scalable gateway to future applications. "**
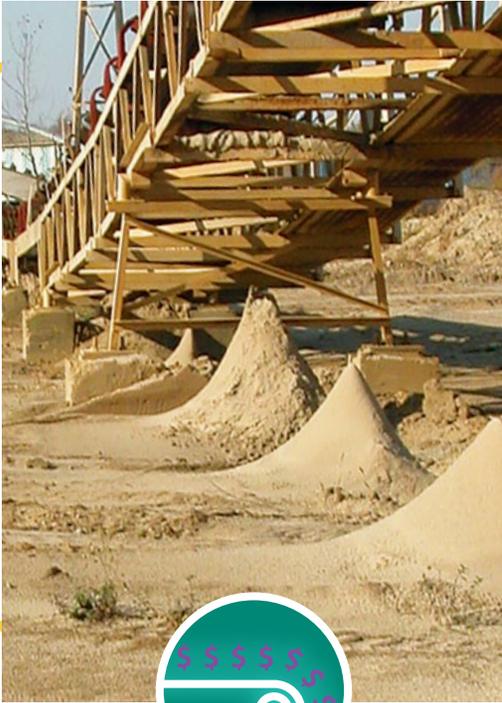

Conveyor Overview

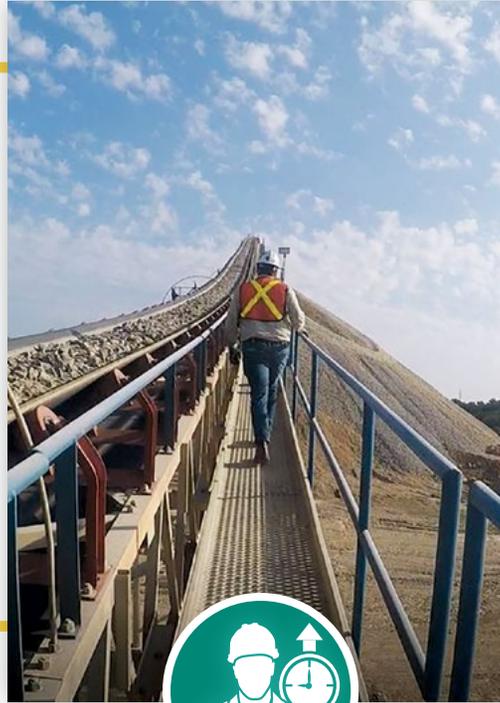Alerts Generated by Data Science
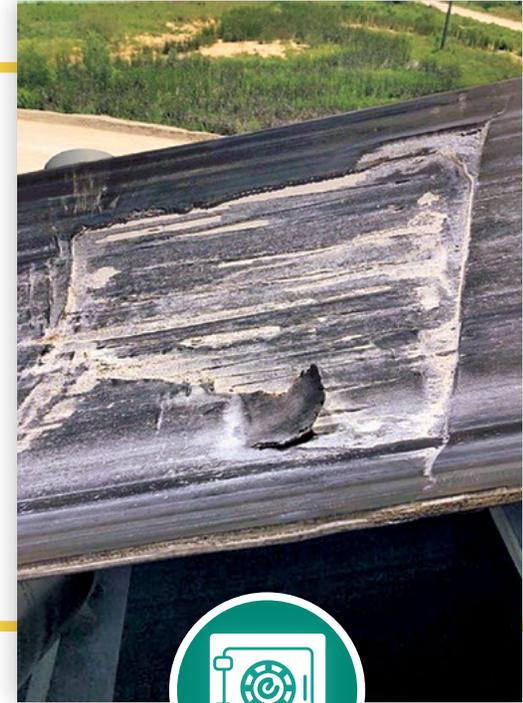
Detailed Service History

APPLICATIONS How did Flexco Elevate® Improve the Bottom Line for These Customers?

Flexco Elevate® increases production by over **$1m** on aggregate operation by using data insights to decrease carryback.

Flexco Elevate® frees **$51,000** in labor and maintenance at mining operation with real-time monitoring eliminating need for manual inspection.

Flexco Elevate® prevents **$250,000** belt replacement at mining operation by identifying belt tear early.

— READY TO ELEVATE YOUR OPERATION?

Visit **FlexcoElevate.com** to learn more or schedule a demo.

TECHNICAL SPECIFICATIONS
FLEXCO ELEVATE® - Cleaner Mounted i3 Device

i3 Devices: 3 unique device types used by geography - US, Australia, and Global

Dimensions: 7.875" x 6.375" x 3.5" (200mm x 165mm x 90 mm)

Compatible Pole Diameters: 2.375" and 2.875" (60mm and 73mm)

Compatible Cleaner Type: Flexco Precleaners and Secondary Cleaners

Battery Type: Non-rechargeable, lithium-thionyl chloride

Operating Temperature Range:
-22°F to 149°F (-30°C to 65°C)
-4°F to 104°F (-20°C to 40°C) in explosive environments

Regulatory: FCC (US); RCM (Australia); CE, ISED (Global)

Certifications, Standards: IP66, RoHS (US, Australia and Global)

Explosive Environments: IECEx (Australia); MSHA and ATEX (contact Flexco regarding specific standards)

SECURITY

- End-to-End Security: Encryption layers in OS and in transit

- Wi-Fi Security: WEP, WPA, WPA2

- i3 Mobile App: Permission-based access (only pre-defined authorized users can access portals)

- i3 Dashboard: Permission-based access (only pre-defined authorized users can access portals)

- Data Ownership: All belt cleaner i3 data is wholly owned by the customer

WIRELESS COMMUNICATIONS

- Cellular Communication: LTE CAT-M1 on AT&T (US); LTE CAT-M1 on Telstra (Australia); 2G/3G on AT&T (Global)

- Wi-Fi Communication: 802.11a/b/g/n/ac

- Bluetooth® Wireless Communication: Low energy up to 10m range

INSIGHT ACCESS

- i3 Mobile App: Android, iOS Compatible

- i3 Dashboard: Optimized for Google Chrome, but accessible via preferred browser

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