

Shutdown App Snapshot

ABOUT Jump Analytics:

Jump's mission is to provide **Insights to Action** through data analytics and reporting. Jump is laser-focused on helping our clients transform data into business insights using world-class technologies and best practices.

WHAT WE OFFER

Jump Analytics is a leader in providing Advanced Analytics and Corporate Performance Management solutions and strategies to transform the Mining industry allowing for improved insights and decision-making capabilities. Jump has partnered with some of the largest global mining companies to develop and deploy advanced analytic solutions aligning with Industry 4.0 and Smart Mining technologies.

Jump Analytics Mining Playbook is an innovative product that grants mining companies the ability to capture, model, and visualize their data, allowing them to focus on optimizing operations for efficient and sustainable mining. These metrics are captured across all the key mining disciplines and associated systems and processes.

Jump's "**Shutdown App**" is an industry-designed solution for mining, enabling Shutdown planning with an integrated project plan (MS Project) along with a customized worker directory for assigning tasks, and custom shutdown planning checklists that can be modified for each shutdown event.

Global Mining Solutions Group

Jump Analytics was incorporated to bring to market industry leading software that is focused on enabling mining companies to be more efficient, by giving mining leaders insight into operations.

Focused on enabling strategic business outcomes through data.



Shutdown Snapshot

Report Overview

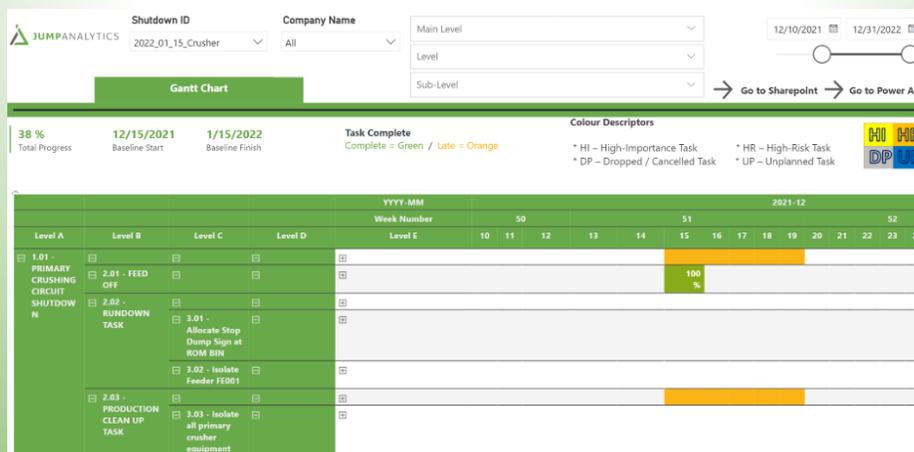
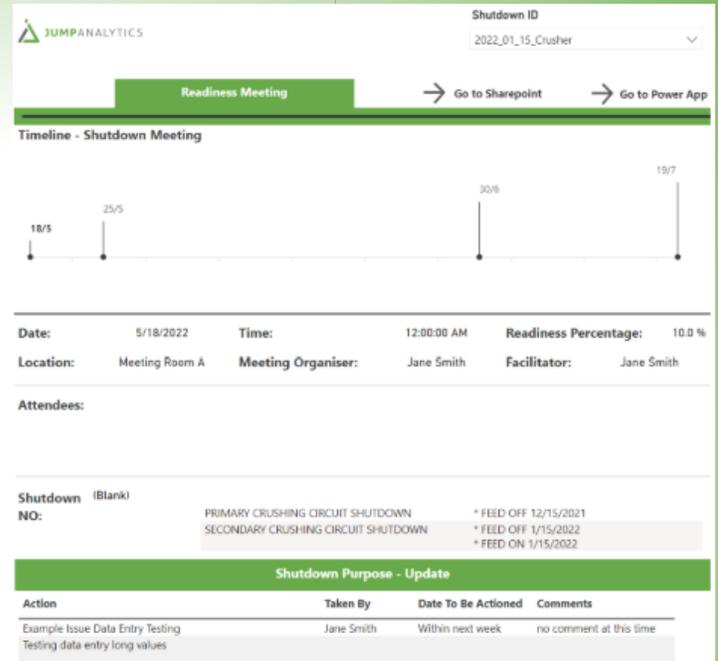
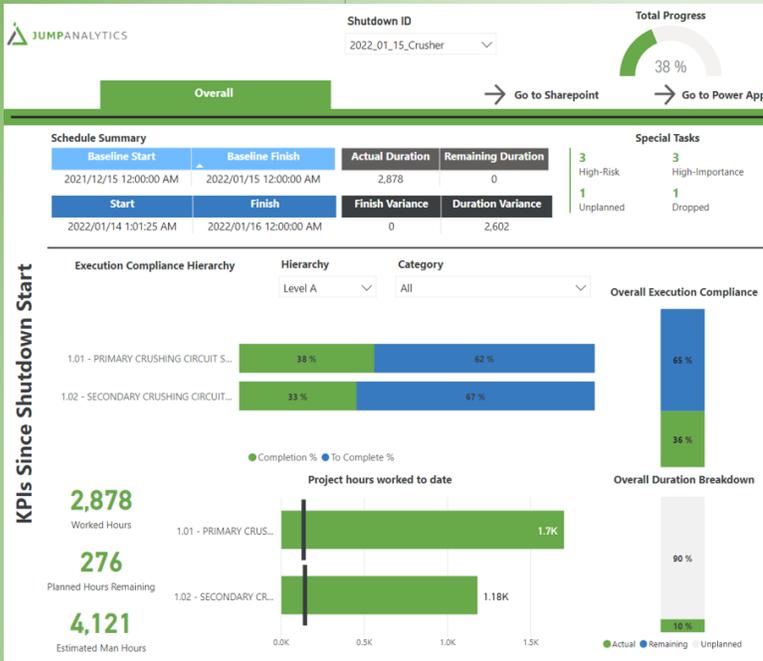
- ✓ Enhances experience working with complex shutdown schedules
- ✓ Provides a centralized location for tracking shutdown activities
- ✓ Quantifies high-level KPIs to support companywide initiatives
- ✓ Eliminates need for manual report-building by utilizing back-end database
- ✓ Easily access historical data for tasks and meeting minutes across all shutdowns



Report

A high-level overview of the Shutdown KPI metric completion

Customized reports of meetings during the Shutdown process



The Gantt chart allows for visualization of the next steps in your project management file, easily understanding the tasks coming and their severities

Shutdown Snapshot

Application Overview

- ✓ Streamlines information travel, allowing for faster decision making
- ✓ Management across all stages of a Shutdown from leadup to closeout
- ✓ Allows creation of reusable leadup checklists to govern pre-shutdown tasks
- ✓ Augment Microsoft Project Schedules with consistent and thorough documentation of task progress, with optional inclusion of photos and supervisory approval (via physical signature)



Shutdown Menu

Main Menu > Shutdown Menu Selected Shutdown: 2021_12_12_Reline

Leadup Checklist Manager

Shutdown Task Manager

Meeting Minutes

Worker Directory

Manage tasks and keep up to date on readiness percentage during the leadup stage of shutdown

Review task forecasts and update task actuals

Maintain meeting minutes in an accessible location throughout the entire shutdown process

Review internal and external resources

Task Details

Main Menu > Shutdown Menu > Task Manager > Task Details Selected Shutdown: 2021_12_12_Reline

Details of Task - FEED OFF Save Changes

| | | | |
|------------------------|--------------------|----------------------|-----------------------|
| Scheduled Start Date: | 2021-12-12 | Actual Start Date: | 2021-12-12 17:10 |
| Scheduled Finish Date: | 2021-12-12 | Actual Finish Date: | 2021-12-12 17:30 |
| Scheduled Duration: | 12 hrs | Estimated Man Hours: | 3 |
| Task Status: | Complete | Percent Complete: | 100 |
| Assigned Resources: | Shutdown Employee2 | Comments: | Task ran well |
| Predecessors: | None | Signed On: | No Signature Recorded |
| | | Task Photos: | |

View forecasted task details extracted from Shutdown schedule

Update task actuals with details accessible in real time reporting and post shutdown reviews

Shutdown Snapshot

Application Overview Cont.

- ✓ Access to filterable Shutdown-specific or Global resourcing lists
- ✓ Flag specific tasks as high-importance or high-risk for alert tracking
- ✓ Alerts can notify stakeholders of:
 - ✓ New task starts & completions
 - ✓ Late task starts & completions



Alert System

Shutdown Alert System

Jump Analytics Azure
To: Niklas Bergen

This message was sent with High importance.

-- AUTOMATED MESSAGE --

Within the past 60 minutes, one or more alerts/notifications have been triggered by the currently-active shutdown(s).

ALERT: High-Importance Tasks Not Yet Started
2022_02_09_Crusher: Example Task B

ALERT: High-Importance Tasks Past Completion Deadline
2022_02_09_Crusher: Example Task E

Notification: New High-Risk / High-Importance Tasks Started
2022_02_09_Crusher: Example Task E

Notification: New High-Risk / High-Importance Tasks Completed
2022_02_09_Crusher: Example Task A
2022_02_09_Crusher: Example Task F

Another email will be sent in 60 minutes if the above alerts persist (if applicable), or if there are any new notifications.

Worker Directory

Main Menu > Shutdown Menu > Worker Directory

Selected Shutdown: 2021_12_12_Reline

Global Worker Directory

Expand Contact Details | Employees | **Contractors** | Show Global Directories

| Full Name | Company | Department | Role | Shutdown Assignments |
|---|----------|-------------|-------------------|--|
| Shutdown Contractor1 | Company1 | | Scaffolder | 2021_07_01_Intermediate, 2022_01_15... |
| Phone No: 123-459-7739 Email Address: Shift: Night Shift | | | | |
| Shutdown Contractor2 | Company1 | | | 2021_12_12_Reline |
| Phone No: Email Address: Shift: 12 Hours Night | | | | |
| Shutdown Contractor3 | Company2 | Maintenance | Mechanical Fitter | 2021_12_12_Reline, 2021_07_01_Inter... |
| Phone No: Email Address: Shutdown.Contractor3@jumpanalytics.onmicrosoft.com Shift: 12 Hours Night | | | | |

Expand and collapse record details

Review Contractor and Employee information separately

Visual indicators of missing data requested from contractors