



**Austmine METS Tech Talk:  
The Power of Data**

# DATA OWNERSHIP

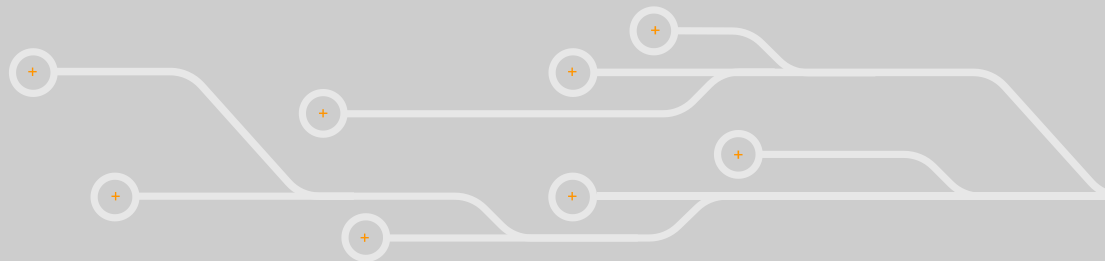
**Discussion Document**  
March 2021

February 2021

**auto-mate**  
mining automation on **your** terms

# DATA SITUATION TODAY

- Autonomous mining systems generate a huge amount of data continuously.
- There is currently no standard as far as where the data is stored. It could be with the miner or with the autonomous solution provider
- Often the data is stored in a proprietary format only readable by the autonomous solution provider
- The mining company engineers, analysts and operational staff are often unaware of who owns the data, how to navigate the databases and how to extract the data.



# WHY THIS MATTERS

The data generated provides important insights to optimising the operation and increasing safety

- If you knew where multiple trucks were experiencing wheelslip events, and knew that these events were preceded by a watercart being used in the same area, could this be used to optimise watering practice?
- If you knew where your vehicles were slowing down, could this be used to optimise road width and junction design?
- If you knew where your autonomous trucks were frequently having to course correct, could this be used to automatically identify areas of poor ground conditions?
- If you had access to your autonomous trucks' LiDAR data, could you automatically establish that your windrows and roads were compliant with your mine design?

Most mining companies likely own the data however are not able to properly access and utilise the data. The mining companies should expect and require simple and easy access!

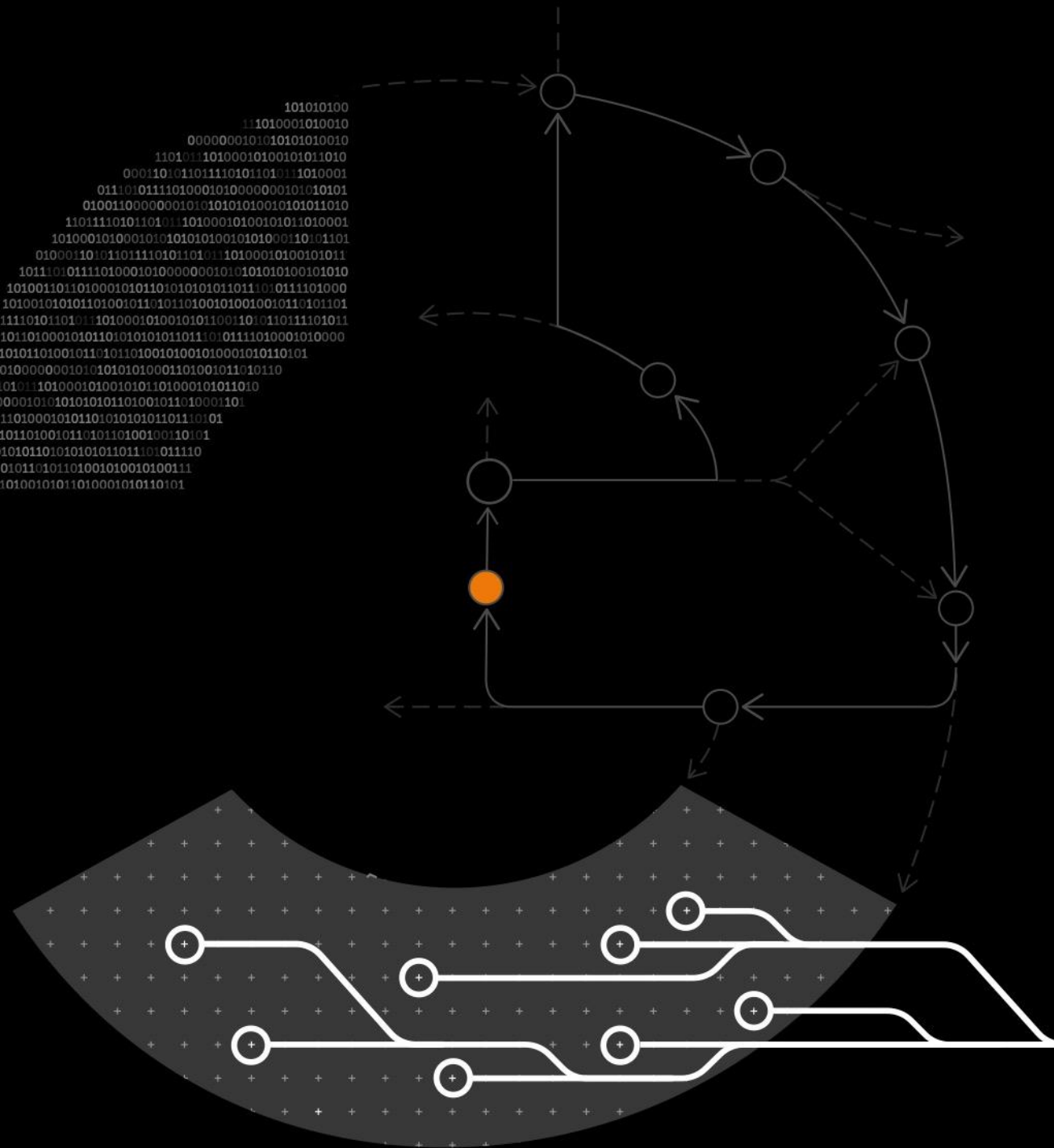
# AUTO-MATE

Auto-mate is a smart automation technology provider.

We enable accessibility to autonomy for all mining operations, globally.

## The Auto-mate difference

- We **automate your existing heavy mobile equipment** regardless of make, age or model, to your required level of automation. We negate the need for new assets and the associated high capital costs.
- The **data generated from the assets belongs to you**. Your data can then be used for process and operational improvements.
- We work with you to determine your unique needs and the appropriate level of automation for your operation, **we provide automation on your terms**.
- There is no need to replace current systems - the **open architecture of our technology solutions allows interoperability** with existing systems and mixed fleets.



# DISCUSSION

Mining automation  
on *your* terms

[www.auto-mate.net](http://www.auto-mate.net)