

Calidus Resources Employ AI and Drone Technology

Calidus Resources (ASX: CAI)

Announced that their subsidiary company Keras (Pilbara) Gold Pty Ltd has signed a contract with RocketDNA for their “drone in a box” solution.



Calidus Resources	ASX: CAI
Stage	Production, exploration
Metals	Gold, lithium
Market Cap	A\$76 m @ A\$ 12c
Location	Pilbara, Western Australia

Calidus Resources subsidiary Signs Contract with RocketDNA for Autonomous xBot® Drone-in-a-Box Solution in Western Australia

Calidus Resources (ASX: CAI) announced that their subsidiary company Keras (Pilbara) Gold Pty Ltd has signed a 3 year contract with RocketDNA for their “drone in a box” solution.

The SurveyBot® system will be deployed at the **Blue Bar satellite open pit** operation located 70 km from Calidus’ Warrawoona Gold Project in Western Australia, and is expected to generate significant operational efficiencies.

HIGHLIGHTS

- RocketDNA signs its first long-term contract for its autonomous xBot® solution with Keras (Pilbara) Gold Pty Ltd, a subsidiary of Calidus Resources Limited
- The 3-year contract has a Total Contract Value (TCV) of AU\$376k and Annual Recurring Revenue (ARR) of AU\$115k
- The autonomous xBot® solution includes:
 - o Supply and maintenance of one xBot® drone-in-a-box surveying system (“SurveyBot®”)
 - o Remote operation of the SurveyBot® from RocketDNA’s Remote

Operating Centres in
Perth and Adelaide

- o Strayos AI software licence to enable automated processing, analysis & reporting for the open pit operations using the SurveyBot® data
- o RocketDNA SiteTube® data visualisation platform

The surveys provided will include:

- Daily surveys of the open pit for drill & blast design, pit conformance reporting, volumetric reporting
- Stockpile surveys for volumetric reporting
- Daily imagery & video to provide up-to-date situational awareness of the operation to the clients' off-site personnel
- Ability for live-streaming of video

The overall solution is expected to generate significant operational efficiencies for the customer including:

- Reducing the frequency of physical surveying activity which requires significant road travel and on-site time
- Leveraging rapid data processing time and AI insights for mine optimisation
- Providing oversight of mining operations to remote senior management.

Calidus Resources Managing Director David Reeves said:

“Calidus is currently commencing operations at various satellite pits that are up to 70km distant from our main processing facility.

“The pits are generally smaller in size and do not justify their own survey team on site.

“The xBot not only allows daily pickups for survey to be completed efficiently, the associated video also allows our planning team in Perth to understand exactly how the operations are progressing and allow for rapid reaction if required.

“We look forward to partnering with RocketDNA and see great potential for this technology on our other sites as they come on line”

[To read the full news release, please click HERE](#)

[The Spot gold price can be found HERE](#)

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Disclosure

At the time of writing the author holds shares in CALidus Resources

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