



It is DigitalGae's strategy to partner with government, national telecommunication operators, Internet service providers and Non – Governmental Organisations (NGOs) to create an unprecedented rate of connectivity across Botswana, with a key focus on rural Botswana. Connectivity indeed remains a critical enabler of economic development and surely remains a key component of this beautiful nation's ideals of transforming into a knowledge-based economy.

Why is DigitalGae interested in digital mining? One may wonder?

Mining in Botswana plays a significant role in the country's economy. It contributes a third to the country's GDP and 50% of tax earnings. Mining in Botswana that started off in 1965 takes about 80% of the total export of the country's products.

This ground moving industry plays a significant role in our country's economic growth, with the flagship Debswana being the most important company in all Botswana. This therefore sets the ground perfectly primed for large mining houses to build an unprecedented momentum towards digitization of mining operations. By this start of a new dawn, subsidiary industries would subsequently learn and take up more of a digital set – up. DigitalGae is ever ready, with our unparalleled strategic alliances and trusted long term relationships with both clients and technology equipment suppliers, coupled with our skilled base of technicians, Consultants and Engineers.

DIGITALGAE TAKES THE MINING INDUSTRY TO THE DIGITAL AGE

The mining industry in Botswana is the third contributor to the country's economy, hence the need for advanced communication solutions to enable effective and efficient operations on a daily basis. This is where DigitalGae comes in.

We are currently designing a robust wireless network layout for Debswana Head Office, Jwaneng and Orapa Mines that will address their connection challenges more especially for the pits connections, tracking and real time monitoring of their trucks and earth moving machines underground, their borehole connections, visibility and real time monitoring to mention but a few.

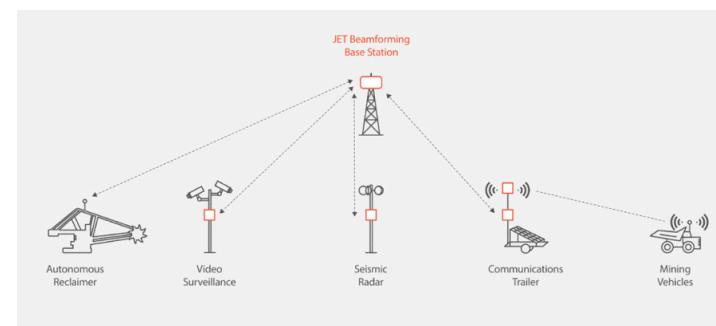
This is made possible by the world leading ICT & Telecommunications giants that we have strategic partnerships with, in this case Radwin. Radwin has over the years been heavily involved in tailor made mining solutions for different mines across the world which makes them an ideal partner to execute our mission locally. An example is in August 2010 where Radwin equipment was deployed in Chile to swiftly address on-site communication needs during the rescue of trapped miners. The equipment was used to ensure reliable, real-time voice and data communications between all parties involved in the rescue mission.

DigitalGae in partnership with Radwin promises reliable wireless connections that also ensures worker safety for

Botswana mines. With our Radwin Jet that has a beamforming solution, below is a list of areas we can confidently address.

- Teleoperated machinery
- Communication trailers backhaul
- Fleet management
- Sensors
- Reclaimers/ Stakers
- CCTV monitoring
- Connecting open-pit mines
- Ensuring worker safety
- Mine site wireless connectivity

Below is a simple network diagram showing our mine connectivity solution.



T: (+267) 392 2989
F: (+267) 392 2904
www.digitalgae.com

