



INTELLIGENT SERVICES FOR MINING OPERATIONS

Nowadays mining companies should optimize their digital transformation in order to improve productivity, reduce costs, increase operative efficiency and ensure safety in an adverse and demanding environment. In that context, they need the support of a business partner with necessary know-how and expertise to help them protect their investment in communication infrastructure.



INTEGRATION OF COMMUNICATIONS

It is critical that the mining companies incorporate critical communications. Companies should have an intelligent, reliable, and robust network to enable different communication technologies, supported by services. The reason, guarantee operational continuity and provide information in real time. From the headquarters to the innermost location of an open mine or underground.



INDUSTRIAL INTERNET OF THINGS (IIoT)

Industrial Internet of Things (IIoT) helps better manage daily operations and provide faster and efficient safety answers.

In mining, collection and processing of data converted into information contribute to a better management of operations and greater security. Through real-time information monitoring and control services, risks are minimized and the correct preventive decisions are made.

CAPITAL INVESTMENTS IN THE MINING INDUSTRY

Mining companies, as any business organization, have limitations in capital with restricted budgets. Therefore, the greatest portion of the investment is to acquire essential equipment to develop the business.

However, any business activity, much less those developing within demanding environment as mining, may operate and advance today without a strong and integrated digital communication structure. The reason is simple.



AN INTERCONNECTED MINE IS A SAFER MINE

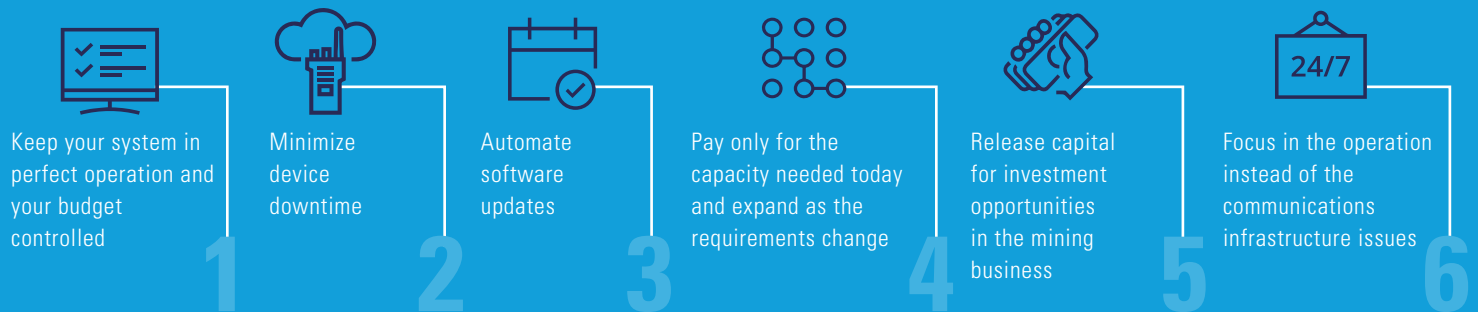
The essential investment requirements include:

- Critical underground communications
- Real-time security and safety response
- Assets monitoring from land to delivery
- Process automation
- Data intelligence
- Rugged devices in extreme conditions
- Uninterrupted reliable interconnectivity



HOW TO PROTECT YOUR INVESTMENT IN COMMUNICATIONS

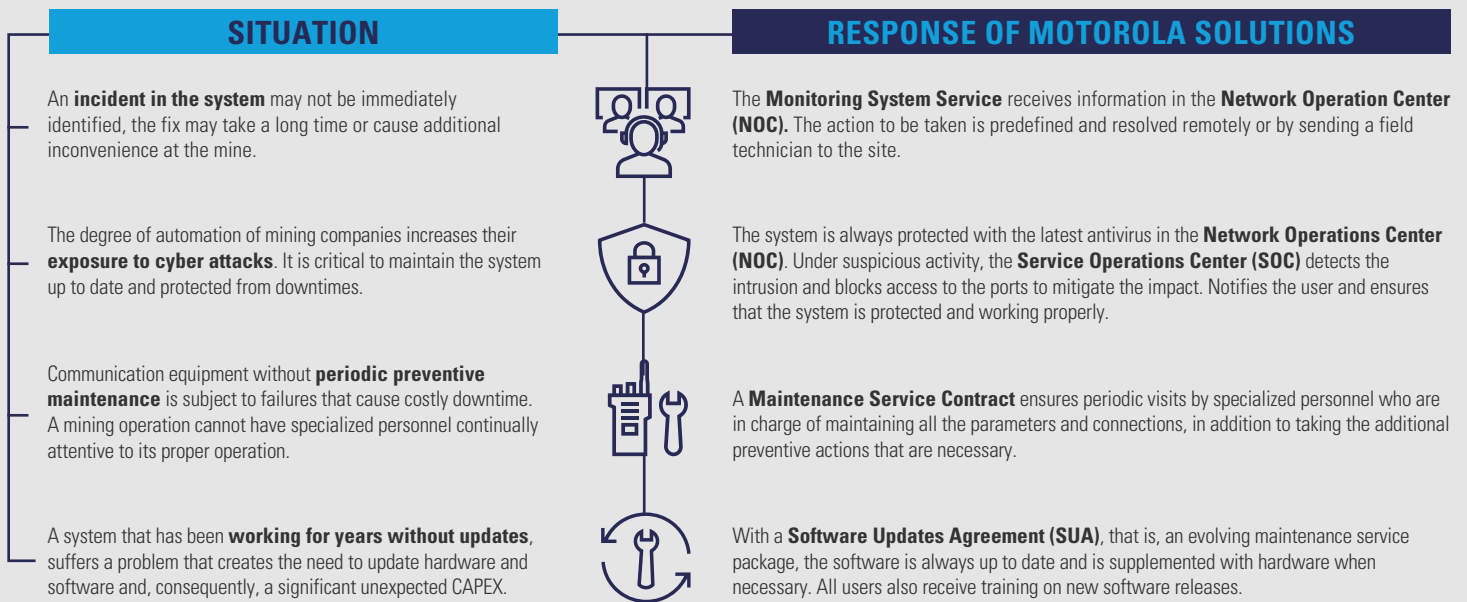
Motorola Solutions accompanies the initial investment in communications systems, devices, applications and accessories with a complete service structure that includes a predefined operating expense (OPEX), avoiding unforeseen capital expenses (CAPEX) and out of budget. This model provides the following benefits:



WHY SHOULD I TRUST IN MOTOROLA SOLUTIONS SUPPORT AND MANAGED SERVICES?

Mining workers develop their tasks under extremely difficult situations affecting also the performance of their radios. These devices must continue to work under the most adverse environments and in case of any emergency or risk situation.

As technology moves forward, the complexity of the need of devices, networks and safety increases too. Managing all this complexity guarantee that all your systems keep updated and not become a problem in your operations. Focus on your task and, at the same time, protect your investment knowing that your infrastructure is managed by the experts.



EXTRACT THE FULL POTENTIAL OF YOUR MINING ACTIVITY

Motorola Solutions understands the challenges of such a complex activity as mining and has a long history of developing innovative solutions and services for the industry. The relationship with our customers is solid and differentiating. We work alongside them so they can use cutting-edge technology with more efficiency, intelligence and security.

To know more on services offered by Motorola Solutions for mining, please visit:
www.motorolasolutions.com/mining

