E★STAR Cube

E★STAR CUBE

Centralized Underground Blasting Equipment

E★STAR CUBE is a centralized remote blasting system for underground mines that utilizes fiber optics/Ethernet for communications. The E★STAR CUBE is capable of initiating the blasts from a command control point located in a secure place, or from the surface of the mine, with no need to have personnel inside the mine.
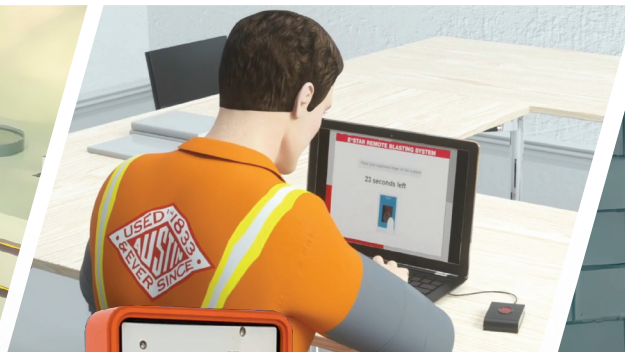
INNOVATION THAT MATTERS

Components

E★STAR Logger
Capacity 1600 detonators

Digital Blasting Machine
Capacity 1600 detonators

Multi-functional Device

The system has a capacity of up to 8 Blasters for 12,800 detonators. It can only be used by assigned personnel trained by Austin Powder.

Secure Software

– Only a securely configured PC or tablet can activate the Blast Machine

– Communication is encrypted between the PC and the Blast Machine

– A secure, sentinel key is necessary to initiate the blast

– Additional safety controls with numbered password

– Access control to the software with optional digital fingerprint

Benefits

– Safety, blasting with no personnel inside the mine

– Timing and sequence controlled firing from a secure place, such as the surface of the mine

– Reduction of non-productive initiation of blasts one-by-one

– Production maximization

Scan to learn more about E★STAR Cube and watch our in-depth video explaining the processes used.

USED IN 1833 & EVER SINCE