

## AREVA MINES COMINAK

Year	2015			
Location	ARLIT - Niger			
Sector	Mining Industry			
Field	Sound Insulation			
Type	Soundproofing Booth			
Amount	1k€	10k€	100k€	1M€



The chemical extraction of minerals is associated to **complex and sensitive equipments** in the whole process. AREVA MINES wanted to purchase a safe and well-instrumented **test bench** in order to **validate the vibratory behaviour of its machines** after maintenance, before to reinstall them in production.

The aim for AREVA was to guarantee the quality of maintenance operation and the machine lifetime. dB Vib has been able to solve all the issues by proposing **the installation of a soundproof booth around the bench and by designing the automation needed to perform a test cycle**. A test protocol was thus defined so that vibratory thresholds automatically trigger alerts and the edition of compliance report.

It is the guarantee for AREVA that all the machines reinstalled have a compliant vibratory behaviour.