

- Content/occupancy of individual monitored areas
- Current status of the surface warehouse and material carried by/stored on transportation units underground.
- Current movement status
- Diagnostic data of devices and system network
- Laws given to system users
- Direction of movement
- Currently occupied rail track



Awards winner:



MTK Trade Fair medal in 2011, 2013



„Napędy i Sterowanie” Journal Product of the Year 2012

PPHU ATUT Sp. z o.o.

Manufacturing plant and offices:
ul. 1000-lecia Państwa Polskiego 30a
41-400 Mysłowice

tel. +48 32 317 18 60 / fax +48 32 317 18 89

e-mail: biuro@atutnet.pl
www.atutnet.pl

MATERIAL TRACKING AND LOGISTICS MANAGEMENT SYSTEM

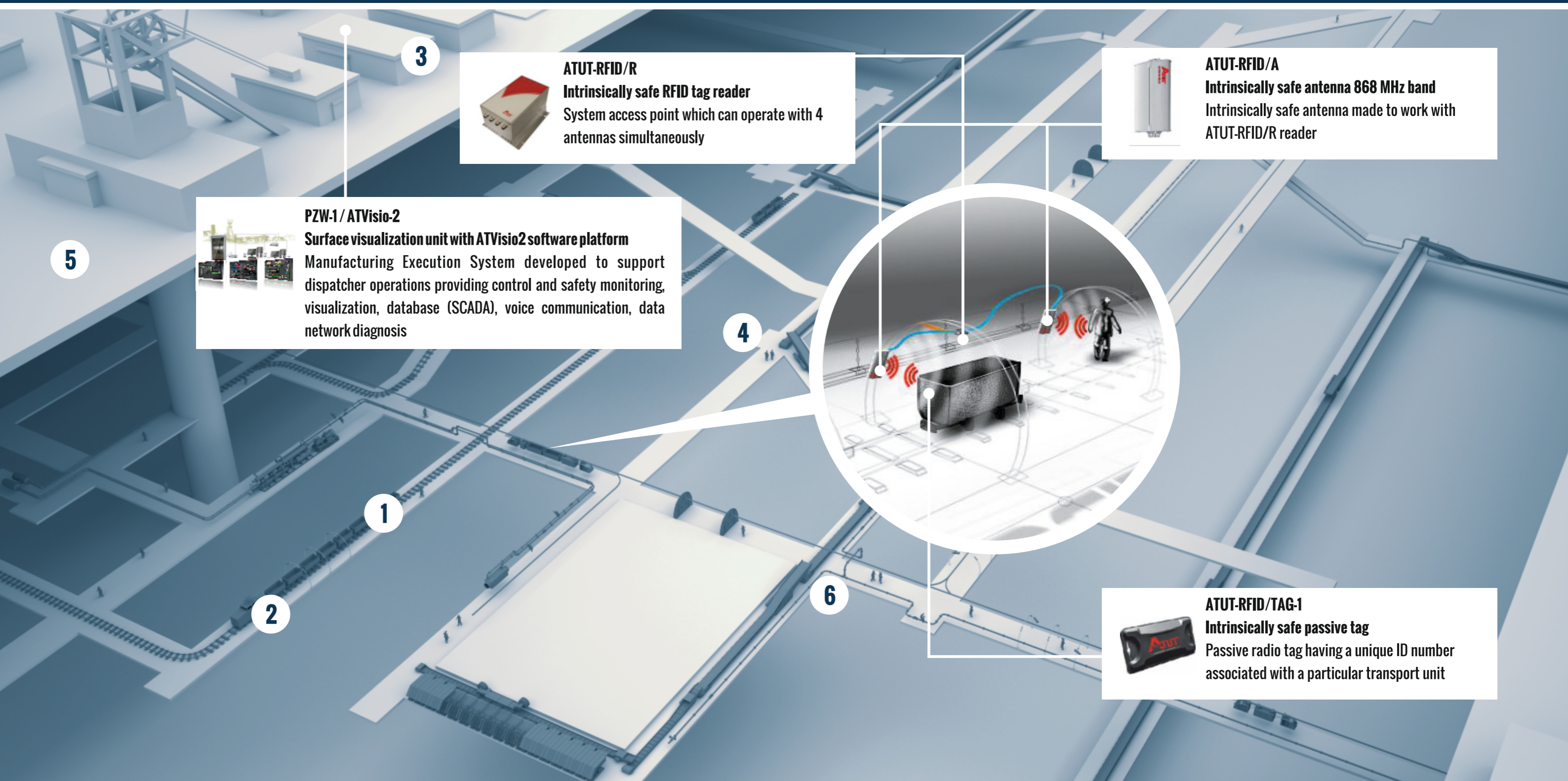
ATUT - RFID

ATUT-RFID system is a proprietary solution of ATUT Ltd. enabling supervision of horizontal transportation units used both on surface and in underground of mining plant. This solution allows running an effective materials management based on the current state of surface warehouses, and on supervised rotation of transportation units with materials loaded on (so called underground warehouse).

ATUT-RFID system can also be used in order to maintain the correct management (supervision) of transportation fleet allowing its most effective exploitation.

Main system features:


- Current localization of individual transportation unit (units)
- Carried material
- Technical status of individual transportation unit
- History of movement
- Loadings and unloadings
- Issued, accepted for implementation or ongoing (partly or fully) loadings disposals




3



ATUT-RFID/R
Intrinsic safe RFID tag reader
 System access point which can operate with 4 antennas simultaneously



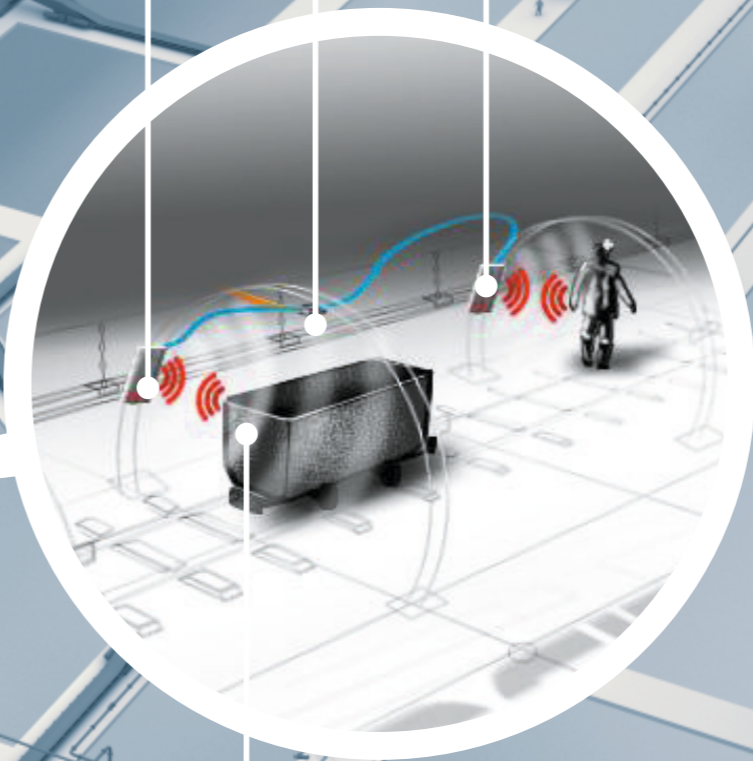
ATUT-RFID/A
Intrinsic safe antenna 868 MHz band
 Intrinsic safe antenna made to work with ATUT-RFID/R reader



PZW-1/ATVisio-2
Surface visualization unit with ATVisio2 software platform
 Manufacturing Execution System developed to support dispatcher operations providing control and safety monitoring, visualization, database (SCADA), voice communication, data network diagnosis

5


4



1

2

6



ATUT-RFID/TAG-1
Intrinsic safe passive tag
 Passive radio tag having a unique ID number associated with a particular transport unit