

**Case Review: BP Africa**  
**TSL Product: Bluetooth RFID Reader**

*TSL ensure BP Africa remain compliant with new government legislation*

**Client**

- + BP Africa
- + Cape Town
- + Energy



**Outline/Summary of solution**

- + Rugged, small sized, ATEX Zone 1 approved reader
- + Provided evidence that tagging high value assets led to more efficient asset tracking
- + Auto ID bypassed human error, increasing integrity



**Context**

The new asset compliance challenges demanded by the Sarbanes Oxley act require BP Africa to upgrade it's current asset management system, with assets currently valued at approximately \$700 million.

**Challenge**

BP Africa must ensure correct asset management procedures are in place, and that all assets are labeled and classified. A full history and audit trail must be achieved whilst retaining asset security.

"BP's new asset tagging project is to be significantly more detailed than the existing financial system".

**Solution**

"TSL's Bluetooth RFID Reader was utilized to allow faster, more accurate tagging".



**Response/Feedback**

"On pure technical merits, it was concluded that the TSL solution will support the business need. The use of RFID technology to control BP Africa's high value assets translates to better control and management and ultimately more efficient tracking".

**Result**

"The ruggedness, small size and ATEX Zone 1 approval of TSL's RFID Reader were key advantages over alternative methods". Auto ID utilization avoided the need for manual entry by workers, therefore reducing errors, in addition to leading to more efficient asset tracking, providing a firm basis for satisfying the Sarbanes Oxley Act.

+ About TSL

TSL designs and manufactures both standard and custom embedded, snap on and standalone peripherals for handheld computer terminals. Embedded technologies include:

- GPS
- RFID – Low Frequency, High Frequency and UHF
- GPRS/GSM
- IrDA
- Contact Smartcard
- Fingerprint Biometrics
- 1D and 2D Barcode Scanning
- Bluetooth
- 802.11 WiFi
- Magnetic Card Readers
- OCR – B and ePassport

Utilizing class leading Industrial design, TSL develops products from concept through to high volume manufacture for Blue Chip companies around the world. Using the above technologies TSL develops innovative products in a timely and cost effective manner for a broad range of handheld devices.

Telephone: +44 (0)1509 238248  
Fax: +44 (0)1509 220020

Postal Address: Technology Solutions (UK) Limited,  
Suite C, Loughborough Technology Centre,  
Epinal Way,  
Loughborough,  
Leicestershire,  
LE11 3GE.  
United Kingdom.

Email: [enquiries@tsl.uk.com](mailto:enquiries@tsl.uk.com)



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