



**BUREAU
VERITAS**

X-RAY SCANNER SERVICES

Installation, maintenance, training and operation services for scanners for the Customs and freight security inspections.

CHALLENGE

Customs and port authorities' mission is to facilitate trade whilst maintaining an appropriate level of control to prevent smuggling and other illegal and terrorist activities. According to the recommendations of the SAFE set of standards from the World Customs Organization (WCO), the revised Kyoto Convention 1999 as well as the ISPS code and other national and international directives, Customs and ports authorities should focus on selective audit controls by using risk management techniques jointly with Non-Intrusive-Inspection (NII) techniques like X-ray scanners.

SOLUTION

What are the services to install a key-in-hands X-Ray Scanner?

Bureau Veritas has defined a set of Consultancy services to assist you at each phase of your acquisition or upgrade project of a scanner or set of scanners, i.e.:

- Cartography of the logistics and procedures situation, financial possibilities and technical specifications for a smooth integration in local logistics chain.
- Detailed specifications of the scanner and surrounding, call for tender and contractual negotiations to get what you need at the best costs.
- Deployment methodology, planning, costs, risks and commissioning for complete monitoring of your project.
- Recruitment program, operational and technical training, inclusive of a continuous Advanced Image Operators training and certification via a unique Images Simulator.
- Deploy a program, training and tools to conform to highest Health & Safety standards.
- Deploy a secured web tool to monitor Scanners (operations &, maintenance) and image Operators (Success rate, false alarms, etc.) performances.

In order to improve the scanner efficiency, we complement it with our exclusive solutions risk management *SMARTLane™* and *BVTrack™* for real time GPS trucks tracking.

What is assistance to scanner operation?

Bureau Veritas proposes to deploy its dedicated and perennial teams in order to operate, train and maintain the scanner, thus enabling to:

- Set up an operation and maintenance monitoring web system, with dedicated precise Key Performance Indicators (KPIs).
- Reliable QHS&E tools and audits, in particular on radioprotection matters.
- Continuous training on safety and X-ray imaging with the development and operation of an *Advanced School for Imaging and Prevention of risks for X-ray scanners - ASIPBV* - equipped with specific X-ray truck imaging simulators and advanced methodology.
- Scanner integration in a global data management system matching the SAFE and 10+2 (ISF) requirements.

Bureau Veritas gives you the means to achieve, at the lowest cost, the best scanner availability and image operators efficiency rates as well as a smooth integration in the local logistics chain.

WHY CHOOSE BUREAU VERITAS?

Bureau Veritas acts as a trade facilitation services provider on five continents and is one of the world's leading providers for inspection services. Our expertise in security and scanner operations has been recognized since 2000.

Our Certification and Accreditation

■ Bureau Veritas is certified ISO 9001 and was the first inspection body in the world to have its network accredited ISO 17020 within the scope of its Pre-shipment Inspection and Verification of Conformity activities.

Our Network

■ Our global presence offers you the convenience of international expertise combined with local service where you need it.

Our Proven experience

■ Bureau Veritas was founded in 1828 and has a long experience in trade facilitation services performed on behalf of numerous clients and governments entities.

Founding member of IFIA (International Federation of Inspection Agencies)

■ The trade association for inspection agencies and other organizations that provide inspection, testing and certification services internationally.



RELATED SERVICES

Bureau Veritas offers a wide range of services related to trade facilitation and securisation:

- SMARTLane™ Risk Management Solution
- VeriNET™ Single Window solution
- BVTrack™ real time GPS tracking system of transport along corridors
- VeriVALUE database
- Verification of Conformity (VOC)
- Preshipment Inspection (PSI)
- Inspection of Agrifood & Commodities
- Inspection of Mineral Products
- Crude Oil & Petroleum products Inspection
- Verification of Wood Products for Export
- Product and Services inspections
- ISO 9001, 27001 and 28001 certifications
- Vehicle Inspection Service (VIS)
- Vehicle Damage Tracking (VDT)
- Vehicle Stock Control (VSC)
- Vehicle Damage Evaluation (VDE)
- Vehicle Lease Inspections
- General Trade Services
- Customs Classification Code Service (CCCS)
- Supply Chain Security evaluation according to AEO, C-TPAT, TAPA references
- Network Conformity Assessment

Some of these services are built to be compatible and can be combined to generate efficiency, consistency and optimization.



OUR APPROACH

With our experts and experiences of setting up and operating scanners 24 hours a day, seven days a week in complex environments, whatever is the scanner brand and type, Bureau Veritas has developed tools and a know-how that enables:

- Exhaustive analysis and feasibility study of scanner operating conditions and integration in the Information Technology logistics chain.
- The deployment of a transversal organization and of tools to secure the proper scanner project and operations follow up.
- A Health & Security referential enabling the safe operation for all the scanner site operators and users, in particular on radioprotection matters.
- The development and operation of an *Advanced School for Imaging and Prevention of risks for X-ray scanners* - ASIPBV - with specific and advanced tools & methodology.
- A recognized professionalism of our operators with dedicated Key Performance Indicators (KPIs) and an advanced web reporting system (BVnet™) insuring a perennial, adequate and fluid operation and the best achievable image operators efficiency.
- The set up of a computerized scanner platform in order to integrate in your Information Technology processes and platform.
- A technology awareness service insuring you to benefit from the best appropriate tools all along your scanner project and its operation, in order to secure the best out of your investment.

ASIPBV



FAQ

Who finances those services?

Those services, with quick return on investment, can be financed through a Public-Private-Partnership (PPP) that can also encompass and integrate our services like Single Window and Risk Management Systems, GPS tracking or technical inspections.

Who pays for the purchase of equipment?

Bureau Veritas can accompany you in your financing program which can be either direct or via a BOOT (Build Own Operate and Transfer). You then own the equipment at the end of the concession and are trained to insure its proper operation.

Why outsourcing the scanner operation?

The operation and maintenance outsourcing enables to release your organization of a non-core activity and to deploy a specialized team ensuring a maximum system uptime and your end-client satisfaction.

Is the safety of the personnel fully effective?

Yes, thanks to our dedicated tools and Health & Safety program that complies with the most stringent international and local safety standards that has proven its efficiency with no accident since over 10 years..

TRADE FACILITATION REFERENCES

- | | |
|---------------------------|---------------|
| •Algeria | •Jordan |
| •Angola | •Kenya |
| •Argentina | •Kuwait |
| •Bahamas * | •Laos |
| •Bangladesh | •Lebanon |
| •Belarus | •Liberia * |
| •Benin * | •Madagascar |
| •Bermuda * | •Mali * |
| •Bolivia | •Mexico |
| •Botswana | •Nigeria |
| •Cambodia | •Uganda |
| •Central African Republic | •Paraguay |
| •Chad | •Peru |
| •Colombia | •Philippines |
| •Congo | •Russia |
| •Congo D.R. | •Saudi Arabia |
| •Côte d'Ivoire * | •Senegal |
| •Ecuador | •Sierra Leone |
| •Egypt | •Sudan |
| •France * | •Syria |
| •Gambia | •Tanzania |
| •Ghana * | •Uzbekistan |
| •Guinea * | •Venezuela |
| •Indonesia | •Yemen |
| •Iran | •Zambia |
| •Iraq | |

* with scanners operations or consultancy services

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