



ABGX[®]



YOUR NEW RADIATION PROTECTION SOFTWARE



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A RADIATION PROTECTION ADVISORS BUILT ON COLLABORATION

Based in Clermont-Ferrand, France, we have grown to become a front-row company in radiation protection management.

Our software is the result of 7 years collaboration and R&D with radiation protection professionals and our regional Radiation Protection Association.

We use client feedbacks to develop a user-friendly management tool. We make it always more intuitive and in line with the expectations of Radiation Protection technicians, regardless of their scope of application.



TAILORED TO YOUR COMPANY'S NEEDS

Our all-in-one software is designed to ensure a better radiation protection management for all business sectors. Visualise your data through a highly-secured tool to guarantee your company's radiation protection compliance.

ABGX is constantly evolving and supplies numerous industrial companies, nuclear providers, laboratories and healthcare centers. All these feedbacks help us go the extra mile !

THE UPSIDE OF USING ABGX



Optimised radiation
protection procedures



A long-term functional
structure



Radiation protection
collaboration inside your
company



An optimal compliance level



Improve communication with
supervisory authorities and
other entities (laboratories,
HR, CMMS, etc)



Administrative time saving
to focus on your «on-field»
priorities.



REGULATORY FRAMEWORK

Our main target is to develop a comprehensive and user-friendly tool for you to answer all radiation protection constraints. Therefore, the ABGX software is the result of a close collaboration with the French radiation protection network.

For every mission we have a solution. In order to grow together, we constantly look for feedback from ABGX users to innovate and come up with new functionalities.

THEY TRUST US



And many more...



THE ABGX MODULES



Record of radiation exposed
worker



Training



Dosimetry



Metrology



Quality



Radiation emitters and
closed sources



Personnal protective
equipment



ABGX Check-Up



Analysis



Analytics



Radioactive source tracker



Waste management



Business intelligence



Establishment



Settings/Security



RECORD OF RADIATION EXPOSED WORKERS

The record of radiation exposed workers is the core of the ABGX software. The module gathers all the data about your employees exposed to ionising radiation : administration, dosimetry, training sessions, medical checks, evaluations, etc.

This function has been designed for companies employing people exposed to ionising radiation. It gathers all the essential functionalities for an automated and secured radiation protection software. It allows you to manage your personnel exposed to radiation in an easy and efficient way.



Radiation protection notifications



Training / Authorisation



Medical checks



Dosimetry



Individual evaluations



Generate documents





TRAINING & AUTHORISATION

Training sessions are very time-consuming for both the trainers and employees. In order to deal with this issue, we have developed many functionalities within the training / autorisation module which makes it a key asset for the software.

ABGX users can carry out a plethora of training sessions (internal, external, face-to-face training, e-learning). All training sessions are listed on a record in order to optimise their own monitoring (convening, attendancy, certification).

In the nuclear and industry fields, authorisations are compulsory for every on-field technician. Plan, monitor and list the different authorisations of your company allowing you to print accreditations and access cards.

Training sessions within companies are evolving and e-learning is on the rise, hence the creation of its own module. We offer a comprehensive and independant e-learning management tool by letting you create your own lessons, questions and answers.



E-learning



Training management



Authorisation management



DOSIMETRY

Through this module, deal with all dosimetric data and dosimetry intakes. This segment features investigation levels, imports, laboratory gateways, etc.



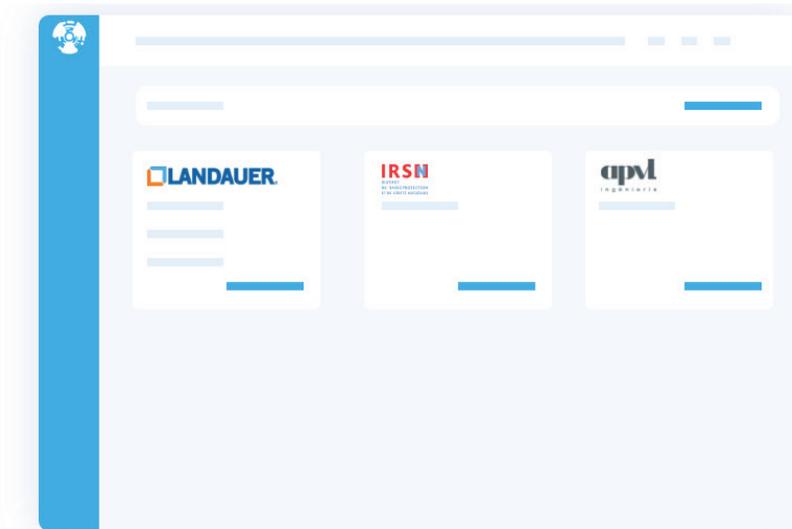
Laboratory gateway



Customised gateway



Assessment and results





QUALITY APPROACH

Regulatory demands on radiation protection data compel companies to structure and organise their processes. We follow your desire to maintain the best compliance level possible. This module gathers simple but exhaustive functionalities to assist you in this procedure. The action plan and document management systems provide you the required tools to set up efficient working methods.



Schedule



Team collaboration



Notifications



Files



Versioning



Generate documents



IONISING RADIATION EMITTERS

Identify medical devices generating ionising radiation. Set up an inventory of all emitters in order to determine and follow numerous conformities to arrange your X-ray generators, sealed sources and open sources. For each emitter, you can manage all type of controls and verifications (internal/external radiation protection periodic checks and quality controls for devices, related files, etc.).



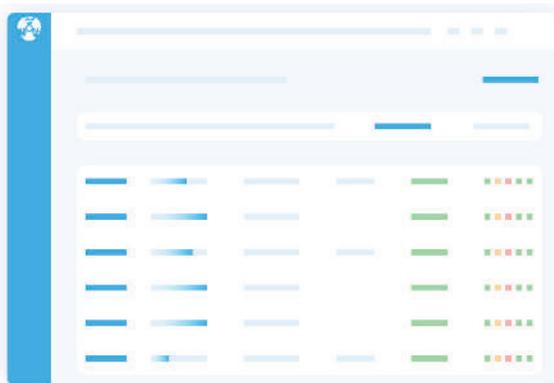
Sources inventory



Controls



Validity notifications





PERSONNAL PROTECTIVE EQUIPMENT

This feature indexes all your individual and collective protective equipment through an inventory. From this list, monitor and carry out controls and verifications.

Designed for all kind of equipment, this record gathers the essential fonctionnalités to manage and maintain your equipment compliance. Upload or create each equipment with the required information. If needed, it can be exported and transfered to the referents. Furthermore, each equipment has its own sections for admin data, radiation protection information, associated documents, etc.



Inventory



Equipment condition



Controls



ABGX CHECK-UP

ABGX Check-Up has been developed to be the Swiss army knife of radiation protection controls. The application is usable in any domain of expertise and ensures step by step guidance for any type of control you carry out.

The application allows you to easily create and classify various protocols to perform all type of controls and examinations.

ABGX Check-Up simplifies the validation of an examination and guarantees a comprehensive report in line with your company's expectations.



Create control models



Control registry



Usable in Airplane mode





ANALYSIS

In France and other countries, regulations enforce strict protective rules against radiation protection. These rules target better health risk prevention and better protection for people exposed to radiation.

In response to high customer demand, we have developed the Analysis module that offers you the possibility to create controlled areas, wall shieldings and personal dosimetric evaluations.



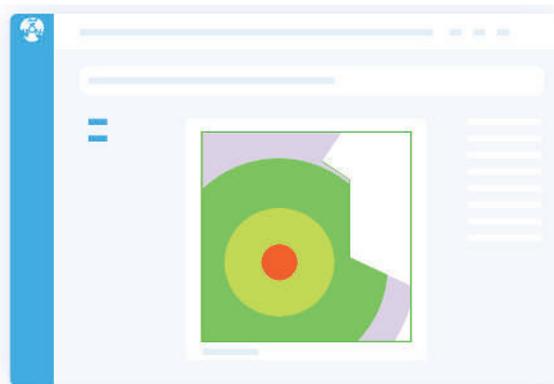
Controlled areas



Calculations



Evaluations





METROLOGY

Regroup all your measuring instruments and additional controls through this module. You have complete freedom in monitoring your devices, their periodic verifications, calibration controls, and administration information.

Metrology represents an important part of your radiation protection missions, hence we developed a user-friendly module with the help of our clients.



Measuring instruments Complementary controls Compliance monitoring



ANALYTICS

The statistics module reinforces your radiation protection data (personel, dosimetry, sources, quality, equipments) that will improve the analysis, the understanding and dissemination on Big Data. The statistics are easily generated which allows you to focus on other tasks.

The stats are generated in real time with intuitive visuals and dynamic graphics. With a single mouse click, generate a fully customised report and guide your work according to the indicators.



Full analysis



Personalised statistics



Reports





RADIOACTIVE DEVICE TRACKER

With assistance from professionals of the industrial field, we created a unique data-processing tool : the Radioactive device tracker. The module has been developed and tested by experts in order to simplify the monitoring of gammagraphs and their related accessories. This gathers the information about sites, device activities, device movements etc. You will find on-site and patrimonial stocks but also the different movements of your sources that could have been operated.



WASTE MANAGEMENT

With this module, manage your different effluent containers. Check the filling level, as well as the state and time of decay of your bins and tanks. The particularity of this module is its radiation protection orientation that allows you to closely check-up the different levels of your containers.



BUSINESS INTELLIGENCE

Export your data in order to process them inside a Business Intelligence software that has enabled us to come up with a model adapted to general demand. It remains nonetheless adjustable to your company according to your specific needs and requests. Besides, the export of data allows you to treat them with the tool of your choice (Excel, LibreOffice, Business Object, Power BI, Micro Strategy etc.).



Dynamic comparison



Big Data exploitation



Activity follow-up



Evolution and continuous improvement

RADIATION PROTECTION MANAGEMENT



We offer tailored features and a personalised user experience to one's specific profession characteristics and sectors of activity :

Medical, Industry, Nuclear, Research / University.

Our Software as a service is deployed through our « secure ABGX » on the hosting approved by the French Ministry of Health (HADS). This accreditation guarantees safety on management, handling and protection of highly sensitive data like medical information. Its «full web – HTML5» user interface provides a secured access to the software on any device with a web browser. ABGX Radium has a technology open to some third-party applications through gateways or Web Services (Human Resources, Preventive Medicine, passive and operational dosimetry).



RESEARCH & DÉVELOPPEMENT

ABGX collaborates with various French Radiation Protection Associations to provide RP advisors with an appropriate solution in line with the regulatory framework. Direct interaction with our clients allow us to innovate with new features to improve the software on a regular basis. Our hard work in R&D enables our team to cope with more and more of your demands.

Thanks to an over 60% investment in R&D, ABGX has the capacity to adapt itself to the most precise and specific of technological and regulatory evolutions.

TESTIMONY

« Nowadays, tasks related to radiation protection are increasingly important and time-consuming. It evedently becomes interesting to look for a way to optimise and simplify processes from this field on a daily basis. A convenient and simple way to cope with this is to acquire an appropriate management software. Choosing ABGX to implement the radiation protection software on Montpellier's University Hospital was based on several strategic points :

- A software suitable for both small and large companies.*
- Computer gateways with HR and occupationnal health softwares but also dosimetric laboratories.*
- A clearly defined Road-Map with the ambition of not only optimising radiation protection, but also saving time for the software's users thanks to regular updates without any additional costs. »*

Bertille Reynes-Seguin
RP Advisor at Montpellier's University Hospital





CONTACT US

 Clermont-Ferrand | Lyon

 (+33) 9 72 38 65 16

 contact@abgx.fr

La Région 
Auvergne-Rhône-Alpes

