



UNMATCHED
EXPERIENCE
DRIVING
INNOVATION



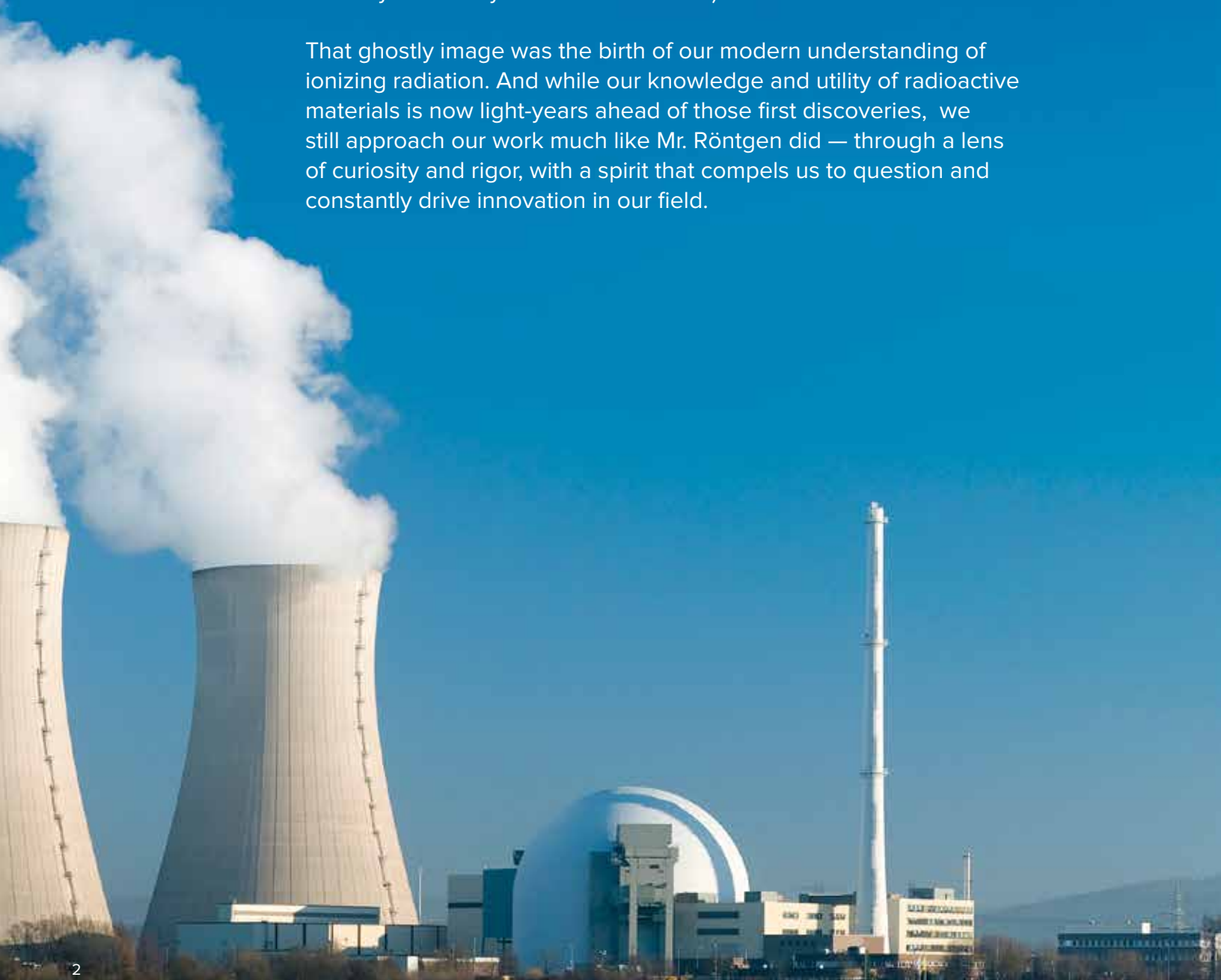
MIRION
TECHNOLOGIES

A LEGACY OF **DISCOVERY**

Mirion is built on 60 years of experience, in research, problem-solving and product development. But the heart of our story begins in 1895, with physicist Wilhelm Röntgen's groundbreaking experiments.

After some discovery, he'd eventually detect mysterious rays that could penetrate physical barriers (and try out their utility, producing the very first "x-ray"... of his wife's hand).

That ghostly image was the birth of our modern understanding of ionizing radiation. And while our knowledge and utility of radioactive materials is now light-years ahead of those first discoveries, we still approach our work much like Mr. Röntgen did — through a lens of curiosity and rigor, with a spirit that compels us to question and constantly drive innovation in our field.





Mirion's Radiation Monitoring Systems Team assembling and testing products.

A WELL OF KNOWLEDGE AND EXPERTISE

Today, Mirion is comprised of over 1800 talented professionals working to create solutions and advance innovation in our field. But more than just product makers and problem solvers, we also draw on a deep responsibility to share our knowledge and expertise with our customers.

To the unformed, radiation can be frightening and confusing. As immensely valuable resources, radioactive materials can be harnessed to better the human condition (from keeping the lights on to curing cancer). However, they can also emit powerful, nearly undetectable energy that is odorless, colorless, tasteless, and naturally harmful to life. But to those who understand their complexities and work to harness their force for good, they're an invaluable tool.

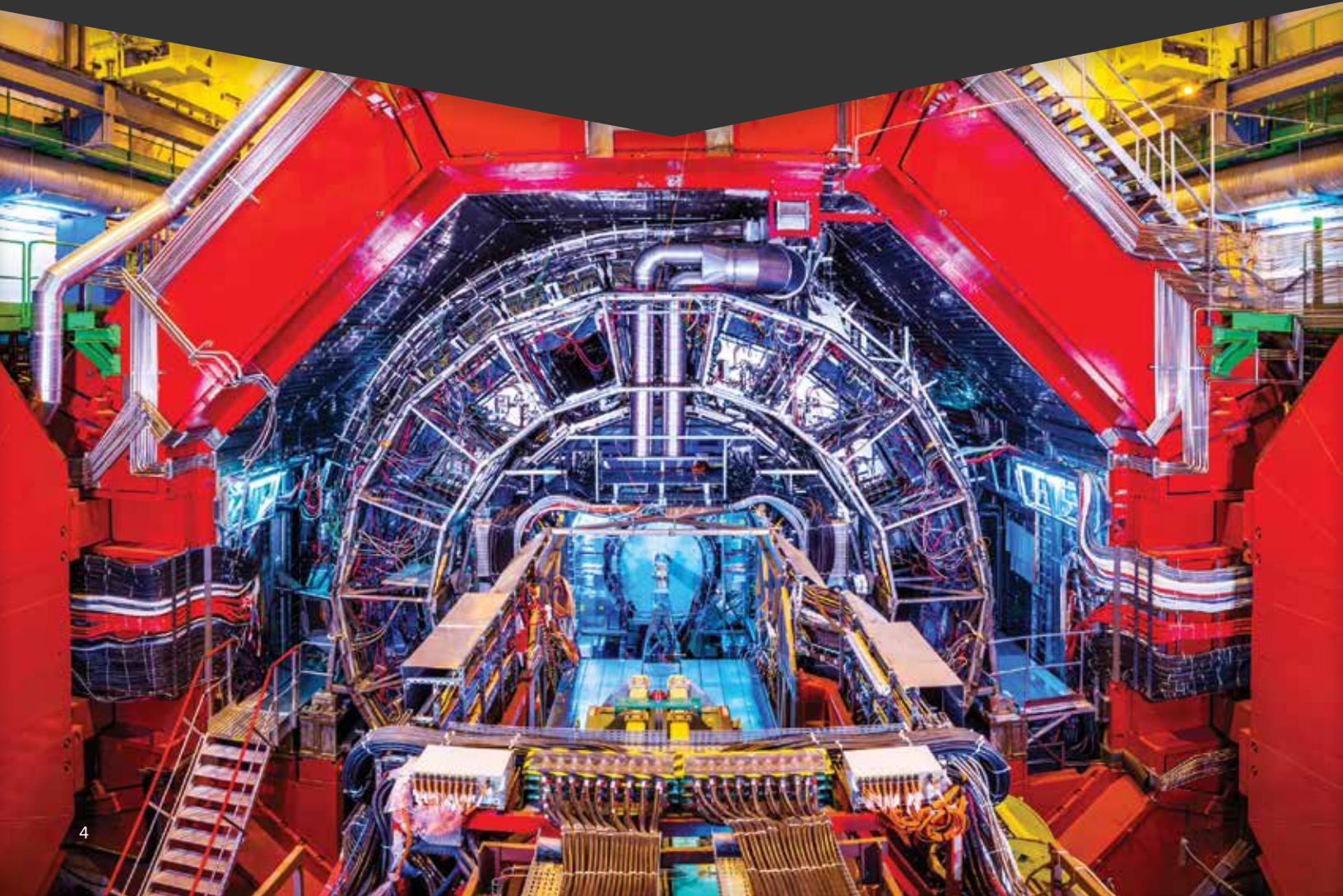
Mirion creates solutions for radiation safety and measurement, but what we really do is empower humans to better understand the duality of radioactive materials so that they may both better harness them for good and protect themselves from their inherent risks.



BETWEEN OPPORTUNITY DISCOVERED & RISK AVOIDED, **YOU'LL FIND MIRION.**

In a highly technical and complex industry where one radiation measurement can be vastly different from the next, we're providing education, empowerment and innovation for those who work around and with the natural wonder of ionizing radiation—moving the needle from uninformed to skillfully familiar, and from life-threatening to life-changing.

And here, in the middle, there is infinite potential.



OUR MISSION

As a global leader in radiation measurement, we are driven to protect people, property and the environment from the harmful effects of ionizing radiation.

OUR VALUES

I
INTEGRITY

We uphold both the letter and the spirit of all relevant laws, regulations and policies.

C
COMMITMENT

We are committed to our stakeholders—customers, employees, and shareholders, each of whom is critical to Mirion's success.

A
ACCOUNTABILITY

We meet commitments to our stakeholders in a disciplined, process oriented fashion; and accept clear accountability for our actions.

I
INNOVATION

We are creative and entrepreneurial in all aspects of our business, in order to ensure that our market leadership is extended well into the future.

R
RESPECT

We value teamwork, practicing intellectual honesty and candor, with a clear focus on the situation, not the individual.



OUR DIVISIONS

Structured by business divisions focused on innovation and responsiveness to customer needs, Mirion is organized to empower employees and facilitate effective decision-making at all levels.

Health Physics (HPD)

HPD specializes in the supply of equipment, solutions and services for personnel protection, research, radiation identification and the prevention of the spread of contamination inside nuclear power plants, as well as for Defense, Homeland Security and Industry.

Dosimetry Services (DSD)

DSD offers personal dosimetry monitoring solutions focused on individual radiation exposure measurement and official dose of record reporting for occupational exposures.

Spectroscopy (SyD)

SyD offers spectroscopic and radiochemistry solutions for laboratory, in vivo, in situ applications and local experts available around the world to provide consulting services and address any nuclear measurement needs.

Characterization (ChD)

ChD specializes in camera systems for hazardous environments, as well as non-destructive assay (NDA) systems, Measurements and Expertise for decommissioning and waste management.

Radiation Monitoring Systems (RMSD)

RMSD offers a complete range of safety related radiation, neutron flux and specific monitoring solutions for nuclear energy production, nuclear research reactors, the fuel cycle industry, nuclear marine propulsion and other specialized industries, as well as maintenance, engineering and services for products from off-the-shelf equipment to large scale bespoke projects.

Sensing Systems (SSD)

SSD specializes in conduit systems used to pass cables through reactor containment structure and detector systems for plant safety and control.

APPLICATIONS & PRODUCTS

Products and services for a wide range of radiation safety, measurement and scientific purposes.

Contamination Monitoring & Clearance

Contamination Screening and Control for Enhanced Safety.

Monitoring of internal and external contamination of people, as well as contamination that may be present on tools and other articles.

- Body Screening & Entry/Exit Monitoring
- Tool, Object and Conveyor Screening
- In-Vivo Counting



Argos™ Whole Body Contamination Monitor

Criticality Systems

A Criticality Accident Alarm System (CAAS) is an alarm system for prompt evacuation of personnel in the event of a criticality event.

Mirion offers CAAS systems for a range of applications from wide-area coverage in large buildings or across facilities to stand-alone self-contained fixed or mobile units, along with alarm systems, software, and services.

- Fuel Cycle Facilities Including Enrichment, Fabrication & Reprocessing
- Research & Military Applications



CAAS-3S™ Criticality Accident Alarm System



Dosimetry—Instadose® dosimeter, personal radiation monitoring that's easier, faster, simpler.

Decontamination & Decommissioning

Mirion offers a variety of unique solutions for your everyday D&D challenges.

- Measurement & Expertise Services
- Gamma Waste Assay Systems

DID YOU KNOW?

That Mirion detectors are used to help combat soil erosion in Africa and the Middle East?



Auto Q2™ Low Level Waste Assay System

Dosimetry

Solutions and services for monitoring personal radiation exposure.

Ongoing monitoring of radiation exposure from x-ray machine or other medical equipment to power plants or other field applications.

- Instadose Personal Radiation Monitoring & Reporting
- X-ray Badges & Rings
- Passive Dosimeters
- Electronic Dosimeters & Attachable Modules
- Telemetry Transmitter, Base Stations & Software
- Dose Record Management & Access Control



DMC 3000™ Electronic Dosimeter

Instadose®+ Dosimeter



Extreme Environment Imaging—
Nuclear fuel pond, underwater
cameras used for monitoring

Environmental Monitoring

Monitoring solutions for the environment, as well as remote measurement at facility boundaries.

Quantitative and qualitative measurements of natural and artificial radioactivity in the environment, in facilities' surroundings and/or in any type of samples.

- Environmental & Perimeter Monitoring
- Supervisory Systems Monitoring



*EcoGamma™-G
Environmental Gamma
Radiation Monitor*

Extreme Environment Imaging

Radiation and temperature shielded cameras for monitoring extreme environments and processes.

Industrial cameras that allow operators and engineers to easily view their extreme environments.

- Radiation Tolerant Cameras
- High Temperature Cameras
- Video Processing and Accessories



*R981™/C981™
System Cameras*



Instrumentation & Control—
RTDs and Thermocouples

Instrumentation & Control

Safety and instrumentation channels for nuclear power plants.

Electrical Penetrations, In-core, and Ex-core Detectors, Boron, water level and hydrogen measurement assemblies used in the instrumentation channels of nuclear power plants.

- In-Core
- Ex-Core
- Boron Meter
- Reactor Water Level Measurement
- Hydrogen Measurement
- Nuclear Containment Seals
- Electrical Penetrations



BM 501™
Boron Meter

Military (CBRN) & Homeland Security

Rugged monitoring equipment that meets the exacting standards of our military customers.

Durable and highly sensitive instruments are designed for demanding battlefield conditions, infrastructure protection, border security and search applications.

- Shipboard Area Monitoring Systems
- Military Dosimetry & Hand-held Instruments
- Airborne & Vehicle Based Mobile Spectroscopy
- Hand-held Search & Identification
- Human Portable Spectroscopic Monitoring

DID YOU KNOW?

That Mirion solutions are used by the majority of the NATO armed forces for dosimetry and battlefield applications?



MBD-2™
Tactical/Occupational
Personal Dosimeter



Portable Radiation Measurement—Telescoping Pole for Radiagem™ Meter

Portable Radiation Measurement

Radiation meters to search for, measure, and monitor radiation.

Accurate radiation measurements, from performing handheld gamma radiation surveys to measuring alpha and beta, provides flexible options for the most basic radiation detection scenarios.

- Survey Meters and Attachable Probes
- Health Physics Instrumentation
- Basic Dose Rate Survey Meters
- Portable Area Monitors

DID YOU KNOW?

Did you know that our portable instruments are widely used by customs and security forces for illicit trafficking and security for major sporting events.



RDS-31™ Modular Radiation Survey Meter

Radiation Monitoring Systems

State-of-the-art radiation monitoring systems for safety and non-safety applications.

Sustainable, rugged systems that are compliant to the most rigorous standards around the world.

- Area Monitoring
- Containment Systems
- Effluent Release Monitoring
- Operational Process Monitoring
- Post-Accident Facility Management



PING 206S™ Particulate Iodine Noble Gas Monitor



Photo Credit: ILL Grenoble

Spectroscopy & Counting Labs—Clover array system with four axial germanium detectors

Spectroscopy & Counting Labs

Advanced spectroscopic and radiochemistry solutions for laboratory, in vivo and in situ applications.

From routine analysis to cutting edge research, we bring defensibility, reliability and trust to your operation.

- Radiological Counting Labs
 - Gamma Spectroscopy
 - Alpha Spectroscopy
 - Alpha/Beta Counting
- In-Vivo Counting
- Solutions for Industrial Applications and Physics Research
- In Situ Measurements

DID YOU KNOW? That Mirion detectors have been used in space to identify water traces and soil analysis of the Moon and Mars?



*CosmicGuard™
Cosmic Veto Background
Reduction System*

Waste Management

Tools and expertise to characterize the most complex measurement scenarios.

From portable instruments to automated systems, we deliver sophisticated tools and world-class expertise to solve your most demanding nuclear measurement challenges.

- Measurement & Expertise Services
- NDA Systems
- Combined Neutron - Gamma Systems



*SGS™
Standard Segmented
Gamma Scanner*

MIRION AT YOUR SERVICE

Mirion Technologies is a leading provider of innovative products, systems and services related to the measurement, detection and monitoring of radiation.

From the largest military force, nuclear related and specialized industries, to the small size medical office next door, Mirion has the strength and presence to serve our customers. Our Customer Care Teams are committed to providing outstanding support and delivering excellence in every interaction.

- **Measurement & Expertise**
- **Calibration Services**
- **Customer Training Programs**
- **Installation**
- **Product Support and Repairs**
- **Consulting Services**
- ***Instadose*[®] Dosimetry Services (X-ray badges)**

Learn more about our services and offerings provided:

www.mirion.com





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