



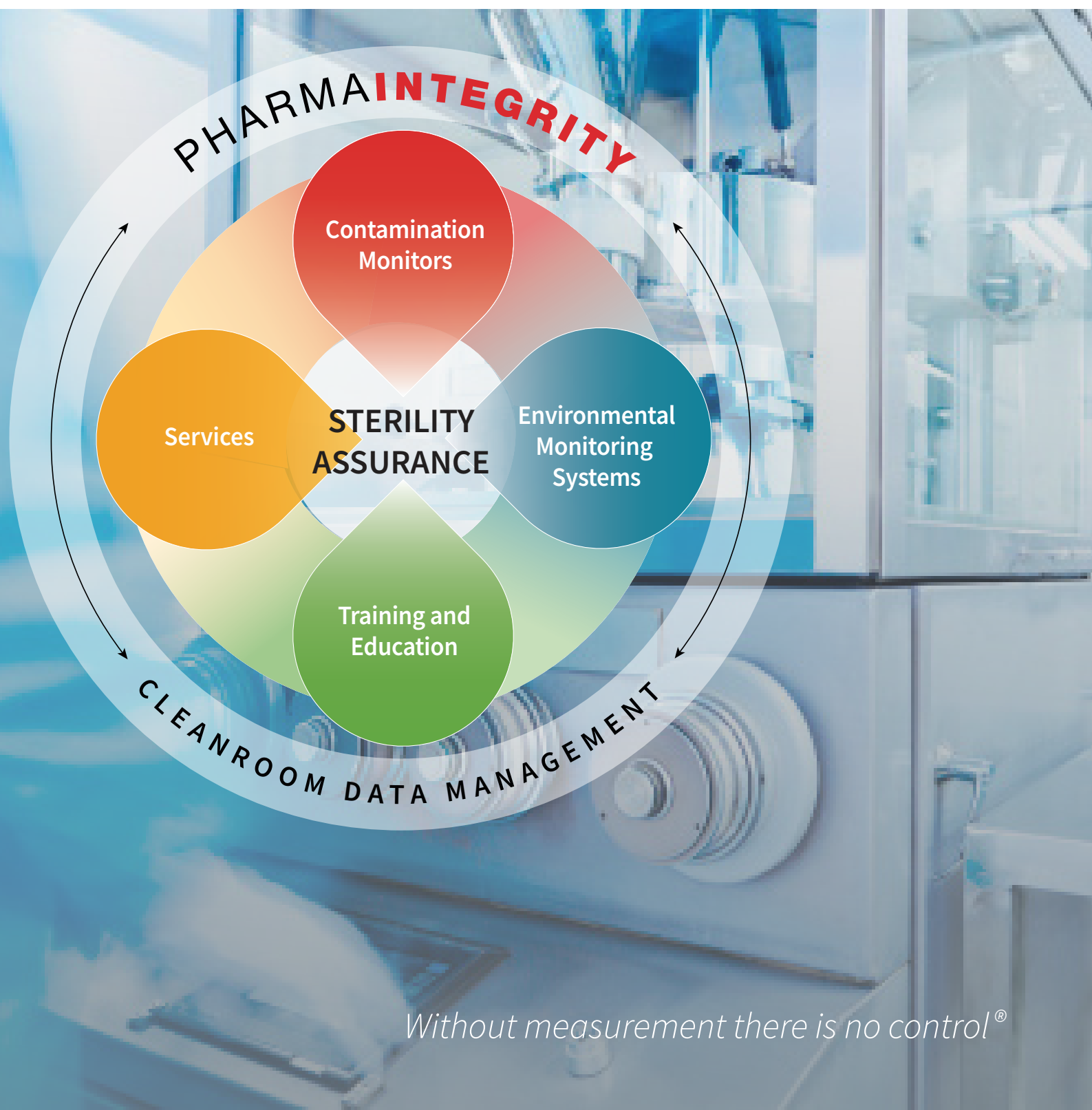
**PARTICLE  
MEASURING  
SYSTEMS®**

a spectris company

*Pharma***Integrity™**

CLEANROOM DATA MANAGEMENT SYSTEM

*Paperless Solution To Meet Data Integrity Requirements*



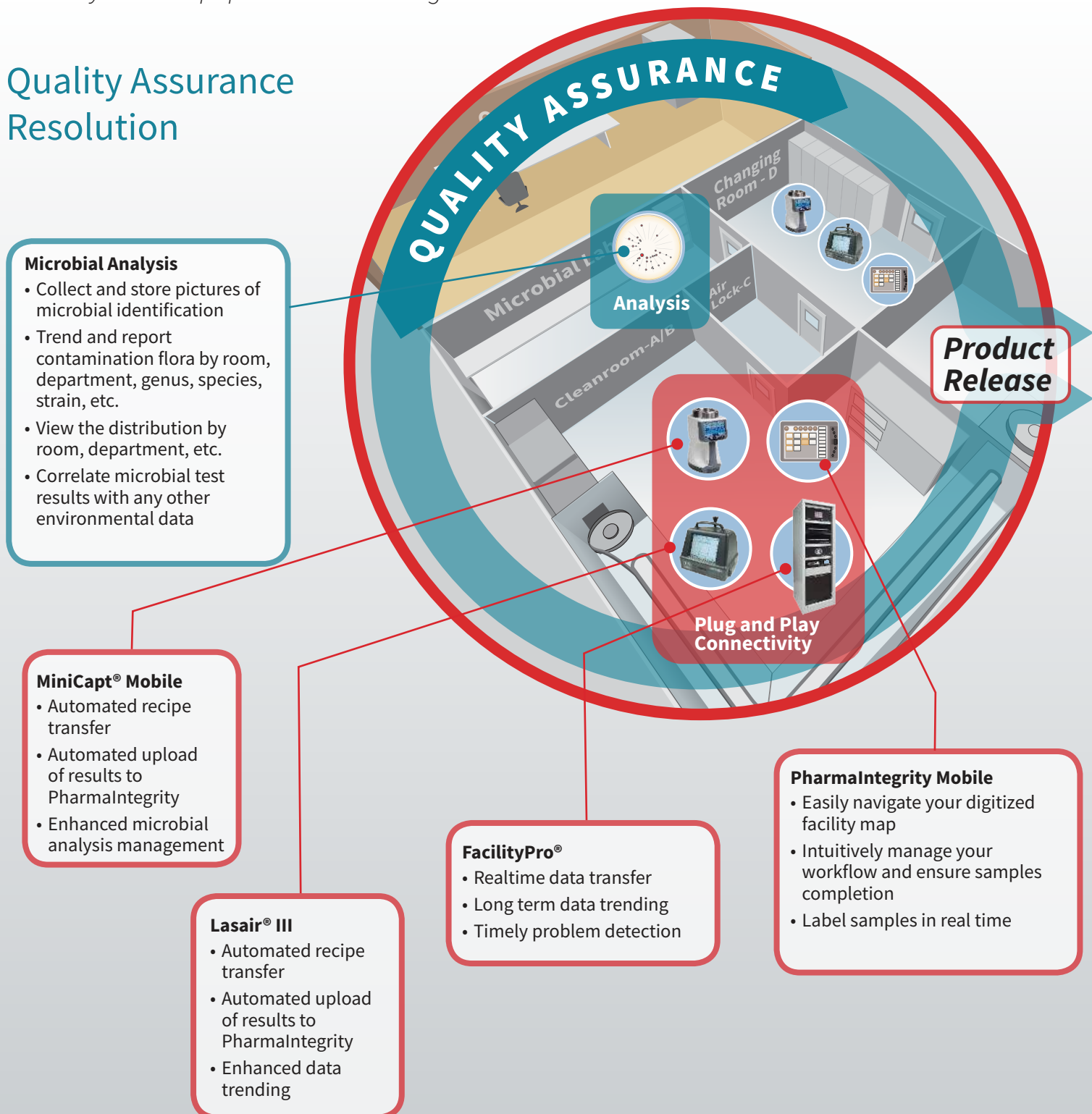
*Without measurement there is no control®*

# PharmaIntegrity™ Data Management Solution

PharmaIntegrity™ is the **definitive solution for managing the collection, analysis, and trending of environmental monitoring data**, ensuring timely detection of problems in production, facilitating product release and reducing risks and costs associated with product loss and recalls.

PharmaIntegrity brings the overall environmental monitoring process into a modern, compliant and easy-to-learn paperless data management solution.

## Quality Assurance Resolution



# Features and Benefits

## Data Generation & Workflow Management

### Workflow Management

*Manage your sample plan and workflow*

- Control and maintain your environmental monitoring process
- Define protocols for each sampling plan or production campaign
- Automatically create your schedule and track results
- Eliminate missed samples or sampling procedure errors
- System sampling with a click of a button!

### Inventory Management

*Keep your inventory updated and under control, in realtime*

- Manage the list of media that you use
- Get a notification when inventory is low or expiring
- Prevent the use of unqualified or expired media

### Sample Management

*Automatically configure your devices, minimizing error*

- Plug n Play: Fast and easy connectivity to Lasair® Particle Counters, MiniCapt® Air Samplers, and FacilityPro® Systems
- Reduce training requirements and operator errors
- Prevent the use of non-calibrated instruments
- Avoid missing or duplicating samples
- Collect and manage data from instruments and media

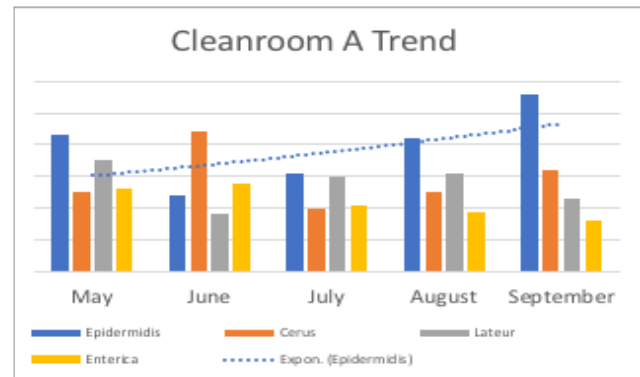
### Store Data

*Automatically transfer data to the data management system with one click.*

- Stored and managed from central cloud location
- Consistent entry organization and naming with helpful drop-down menus
- Compatible with Microsoft SQL, Oracle database and AWS and Azure Cloud

## Data Reporting & Analysis

*Identify issues before problems occur*



- Graphically analyze your data with a single click
- Correlate possible problems with who/what/where
- Real-time trending and correlation
- Detect and trend any contamination related to the environmental system
- PharmaIntegrity recognizes and alerts you of trend patterns

### Investigate Possible Issues

*Reliably achieve actionable data*

- Evaluate alert and action limits
- Identify the root cause so that you can take the right action and effectively release product
- Store the investigation information in the software for easy access during inspections
- Manage excursions quickly and effectively to minimize risks
- Know who did what and when, anywhere in the world

# Advisory and Project Support

## Process Mapping

*We facilitate your migration from paper-based systems to paperless data management.*

Collect the information needed to correctly configure PharmaIntegrity and prepare a fast and easy migration from your legacy system, reducing the commissioning cost.

## Process Evaluation & Improvement

*The analysis of your unique historical data helps you improve your processes at every step.*

- Evaluate historical data and ensure compliance with the latest regulations, by deeply analyzing your process, SOP, Environment monitoring plan, and alert and action levels.
- Revise the End User Quality Management documents to provide risk evaluation and recommendation for improvement.

## SOP, IQ/OQ/PQ Document Creation, including:

- PharmaIntegrity use and operation
- Report and trend creation process
- Audit trail retrieval and review
- User management SOP

## Project Support

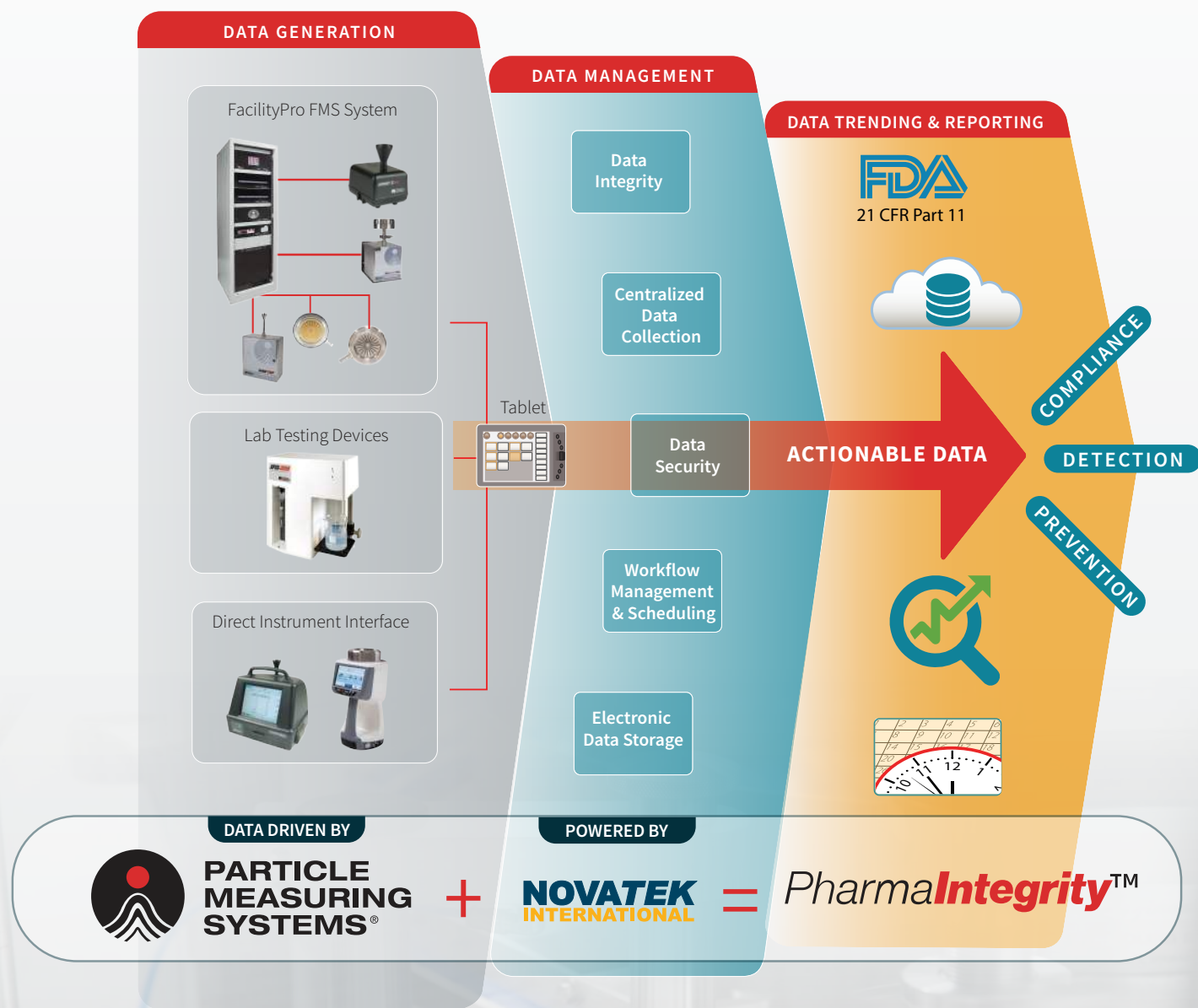
PharmaIntegrity projects are made possible by your local Particle Measuring Systems team in collaboration with the global data management team to ensure high level expertise.

## PharmaIntegrity Mobile

- Paperless throughout the cleanroom
- Cleanroom-designed tablet and peripheral printer and bar code reader
- Reduce error and increase productivity
- Easy use with double gloved hand (no pen)



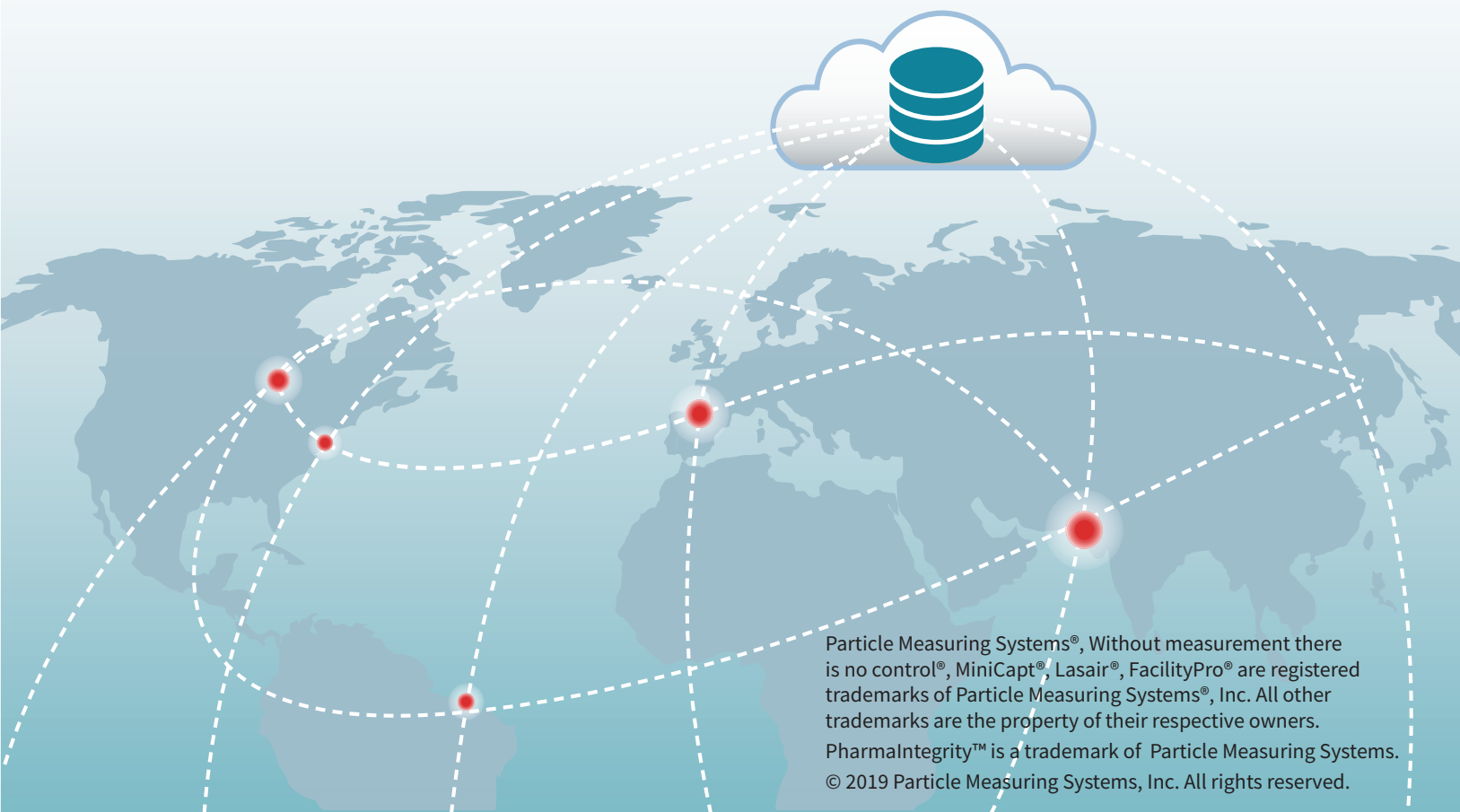
*Release your product, forecast potential adverse deviation  
and gain complete environmental contamination control*





# Local Access to Global Data

*Access to and management of global information from anywhere in the world.*



## Help desk and Maintenance Service

- Multi-language and Global support
- Tailored package for your needs
- Software upgrades

### HEADQUARTERS

5475 Airport Blvd  
Boulder, Colorado 80301 USA  
T: +1 303 443 7100, +1 800 238 1801

Instrument Service & Support  
T: +1 800 557 6363

Customer Response Center  
T: +1 877 475 3317  
E: [info@pmeasuring.com](mailto:info@pmeasuring.com)

[www.pmeasuring.com](http://www.pmeasuring.com)  
[info@pmeasuring.com](mailto:info@pmeasuring.com)



**PARTICLE  
MEASURING  
SYSTEMS®**  
a spectris company

### GLOBAL OFFICES

AUSTRIA  
T: +43 512 390 500  
E: [pmsaustria@pmeasuring.com](mailto:pmsaustria@pmeasuring.com)

BENELUX  
T: +32 10 23 71 56  
E: [pmsbelgium@pmeasuring.com](mailto:pmsbelgium@pmeasuring.com)

BRAZIL  
T: +55 11 5188 8227  
E: [pmsbrazil@pmeasuring.com](mailto:pmsbrazil@pmeasuring.com)

CHINA  
T: +86 21 6113 3600  
E: [pmschina@pmeasuring.com](mailto:pmschina@pmeasuring.com)

FRANCE  
T: +33(0)1 60 10 32 96  
E: [pmsfrance@pmeasuring.com](mailto:pmsfrance@pmeasuring.com)

GERMANY  
T: +49 6151 6671 632  
E: [pmsgermany@pmeasuring.com](mailto:pmsgermany@pmeasuring.com)

ITALY  
T: +39 06 9053 0130  
E: [pmsrl@pmeasuring.com](mailto:pmsrl@pmeasuring.com)

JAPAN  
T: +81 3 5298 8175  
E: [pmsjapan@pmeasuring.com](mailto:pmsjapan@pmeasuring.com)

KOREA  
T: +82 31 286 5790  
E: [pmskorea@pmeasuring.com](mailto:pmskorea@pmeasuring.com)

MEXICO  
T: +52 55 2271 5106  
E: [pmsmexico@pmeasuring.com](mailto:pmsmexico@pmeasuring.com)

NORDIC  
T: +45 707 028 55  
E: [pmsnordic@pmeasuring.com](mailto:pmsnordic@pmeasuring.com)

PUERTO RICO  
T: +1 787 718 9096  
E: [pmspuertorico@pmeasuring.com](mailto:pmspuertorico@pmeasuring.com)

SINGAPORE  
T: +65 6496 0330  
E: [pmsingapore@pmeasuring.com](mailto:pmsingapore@pmeasuring.com)

SWITZERLAND  
T: +41 71 987 01 01  
E: [pmsswitzerland@pmeasuring.com](mailto:pmsswitzerland@pmeasuring.com)

TAIWAN  
T: 886-3-5525300 Ext: 301  
E: [pmstaiwan@pmeasuring.com](mailto:pmstaiwan@pmeasuring.com)