With training and consultancy services customized to your needs, phoenix|x-ray gives you the tools and expertise to drive your CT results and productivity.

Our experienced instructors get your new operators up to speed quickly, with 2D X-ray and computed tomography (CT) scanning training modules for R&D, manufacturing, engineering, and production.

Dedicated courses turn your skilled operators into experts. Our application consultants support you so that your inspection process and analytics make your business even more efficient. This will accelerate development and increase your productivity!

Find below an overview of our complete training and consulting program:

Training offerings:

	Fundamental application training	Advanced application training	x|act or datos|x operator training	x|act pro training, including Xe²	CT batch programming training	Metrology + CT training
Quick summary	Fundamental training for new operators in 2D X-ray and/or CT technology	Advanced training for skilled operators in 2D X-ray and/or CT technology	x|act or datos|x operator software training for skilled operators to improve your 2D X-ray or CT scanning capabilities	x|act pro software training for skilled operators to bring your 2D X-ray scanning capabilities to the next level	CT software training for skilled operators to learn about batch programming	CT software training for skilled operators focusing on the specific needs of metrology
Training level	Fundamental	Advanced	Expert	Expert	Expert	Expert
Days	1 day	1 day (or 2 days, if extended)	1 day	3 days	2 days	2 days
Price	Please contact your sales or service representative for a detailed offering					

Consulting offerings:

	Application Consulting - Process Improvement	Application Consulting - Process Setup
Quick summary	Tailored consulting for your existing 2D X-ray or CT inspection process	Specialized consulting to support the setup of your new 2D X-ray or CT inspection process
Days	3 days	Based on customer needs
Samples	Customer provided parts	Customer provided parts
Price	Please contact your sales or service representative for a detailed offering	

Contact your local sales or service representative for more information

Customer Solution Center

San José, CA, USA
Cincinnati, OH, USA
Ahrensburg, GER
Ratby, UK
Wunstorf, GER
Stuttgart, GER
Munich GER
Limonest, FR
Seoul, KOR
Nagoya/Tokyo, JPN
Shanghai, CHN
Dongguan, CHN
Pune, India
Campinas, BRA

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phoenix|x-ray

2D X-ray and CT inspection services: Training and consultancy

Gain a new perspective on productivity and results

Waygate Technologies
a Baker Hughes business

Training

Whether you need focused training on a specific application or product, or a complete program, our instructors have the expertise to take your staff to the next level. All courses are based on a maximum of 3 participants. Training can be combined or extended if you have more than 3 trainees.

Product-specific courses

For operators and engineers who have already been through the Fundamental and Advanced Application Training, we offer product-specific training covering either 2D X-ray or CT scanning. For all of the following courses, phoenix|x-ray Fundamental and Advanced Application Training is a prerequisite since it is important for the success of the training that all participants are on the same expertise level.

Consulting

Whether you are implementing your first phoenix|x-ray radiography system, looking to enhance your existing solutions, or solving a challenging inspection task, our experts can help you get the most from your non-destructive testing (NDT). Working together, we can customize your CT programming to needs and/or automate your scanning procedures and analytics: routine tasks will take up less non-productive time, enabling you to boost productivity by carrying out more scans.

2D X-ray and CT training modules
Offering you maximum flexibility, our training modules can be organized individually or as a package.

Fundamental application training

This course provides fundamental training for new operators in 2D X-ray and/or CT technology. Your trainees learn the fundamentals in just one day of training:

- System operation
- Application training on samples
- Basic CT visualization
- Evaluation techniques
- Basic 2D visualization

After this session, your users should be able to operate the system.

Duration and price:
1 day, please contact your sales or service representative for a detailed offering.

Advanced application training

This course provides advanced training for skilled operators in 2D X-ray and/or CT technology.

We design this customized training module with you to meet the specific learning needs of your operators.

This may include :

- Technological background
- Process optimization
- Specific application solutions
- And more

Duration and price:
1 day, please contact your sales or service representative for a detailed offering.

x|act or datos|x operator training

x|act or datos|x operator software training for skilled operators to improve your 2D X-ray or CT scanning capabilities.

In this 1 day session, your trained users will learn the ins and outs of:

- Image acquisition
- Image processing
- Interpretation and analysis

Test samples and examples will be provided by phoenix|x-ray trainers.

Duration and price:
1 day, please contact your sales or service representative for a detailed offering.

CT batch programming training

This course provides CT software training for skilled operators to master batch programming.

Your operators and engineers will learn about:

- CT acquisition and reconstruction batches
- CT visualization software
- Macro programming
- Production mode

By the end of the 2-day training, your users should be able to create fully or semi-automated inspection and evaluation processes.

Duration and price:
2 days, please contact your sales or service representative for a detailed offering.

x|act pro training, including Xe^2

This course provides x|act pro software training for skilled operators to bring your 2D X-ray scanning capabilities to the next level.

Our expert trainers will give your operators and engineers an:

- Overview of the features of the x-ray image evaluation environment and its operation
- Including guided exercises on typical samples from your operations using our x|act pro software

This course will require additional independent project work from the trainees.

Duration and price:
3 days, please contact your sales or service representative for a detailed offering.

Metrology + CT training

This course provides CT software training for skilled operators focusing on the specific needs of metrology.

During 2 days trainees learn:

- Validation procedures
- Metrology-specific parameter selection
- Registration and evaluation techniques
- Measuring strategies

By the end, they should be able to:

- Validate, monitor and document the measuring capability of the metrology system
- Detect and fix deviations
- Acquire optimized surfaces for measurements
- Perform elementary measurements using CT visualization software

Duration and price:
2 days, please contact your sales or service representative for a detailed offering.

Application consulting - process improvement

This product includes tailored consulting for your existing 2D X-ray or CT inspection process to increase your productivity and repeatability.

At your site or our phoenix|x-ray facilities, our NDT experts will work with you to:

- Optimize parameters for your 'typical' samples
- Automate your CT acquisition, reconstruction and analysis
- Provide advanced training for your system administrators

All based on your specific materials, applications and inspection challenges.

Duration and price:
Please contact your sales or service representative for a detailed offering.

Application consulting - process setup

This product includes specialized consulting to support the setup of your new 2D X-ray or CT inspection process and accelerate your product development process and quality assurance from the beginning.

Together, at your site or our facilities, we will:

- Create a customized package for your 2D X-ray or CT inspection procedures
- Start with the definition of your inspection tasks and objectives

We will carry out feasibility studies on your samples with 2D X-ray or CT scans, and inspect your parts, including the initial programming. And we will provide a mix of online and on-site support based on your real needs.

Duration and price:
Please contact your sales or service representative for a detailed offering.

Training packages
Training packages combine fundamental and advanced sessions, based on a typical system configuration for you.

Basic training package

This package introduces your operators to the basic system use and setup, getting them up and running.

The training sessions include a short lecture and guided exercises on typical samples.

Duration and price:

- 1 day fundamental application training
- 1 day advanced application training organized 2-6 weeks after the first session
- Please contact your sales or service representative for a detailed offering

Extended training package

Intended specifically for systems that are equipped with 2D X-ray and CT software, or that require some immediate programming.

This extended training introduces your operators to elementary system use/setup and elementary programming. It combines short lectures followed by guided exercises on typical samples.

Duration and price:

- 1 day fundamental application training
- 2 day extended advanced application training organized 2-6 weeks after the first session
- Please contact your sales or service representative for a detailed offering