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:**

<table>
<thead>
<tr>
<th>Quick summary</th>
<th>Fundamental</th>
<th>Advanced</th>
<th>Expert</th>
<th>Expert</th>
<th>Expert</th>
<th>Expert</th>
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</thead>
<tbody>
<tr>
<td>Training level</td>
<td>Fundamental</td>
<td>Advanced</td>
<td>Expert</td>
<td>Expert</td>
<td>Expert</td>
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<tr>
<td>Days</td>
<td>1 day</td>
<td>1 day</td>
<td>1 day (or 2 days, if extended)</td>
<td>1 day</td>
<td>2 days</td>
<td>2 days</td>
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<tr>
<td>Price</td>
<td>Please contact your sales or service representative for a detailed offering</td>
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**Consulting offerings:**

<table>
<thead>
<tr>
<th>Quick summary</th>
<th>Application Consulting – Process Improvement</th>
<th>Application Consulting – Process Setup</th>
</tr>
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<tbody>
<tr>
<td>Training level</td>
<td>Followed consulting for your existing 2D X-ray or CT inspection process</td>
<td>Specialized consulting to support the setup of your new 20 D X-ray or CT inspection process</td>
</tr>
<tr>
<td>Days</td>
<td>3 days</td>
<td>Based on customer needs</td>
</tr>
<tr>
<td>Samples</td>
<td>Customer provided parts</td>
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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, please contact your sales or service representative for a detailed offering.

Advanced 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 hands-on exercises on typical samples.
Duration and price:
1 day fundamental training package
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.

Consulting
Whether you are implementing your first phosphor-ray radiography system, looking to enhance your existing solution, or asking 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 coming out more scans.

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 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 tools and objectives
We will carry out feasibility studies on your samples with 2D X-ray or CT scans, and inspect your parts, including the entire programming. And we will provide a mix of online and on-site support based on your next needs.
Duration and price:
Please contact your sales or service representative for a detailed offering.

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.

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.

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.

Metrology + CT training
This course provides CT software training for skilled operators focusing on the specific needs of metrology.
During 2 days training:
• 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.

Project-specific courses
For operators 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 will 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 coming 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. We design this customized training module 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.

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

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