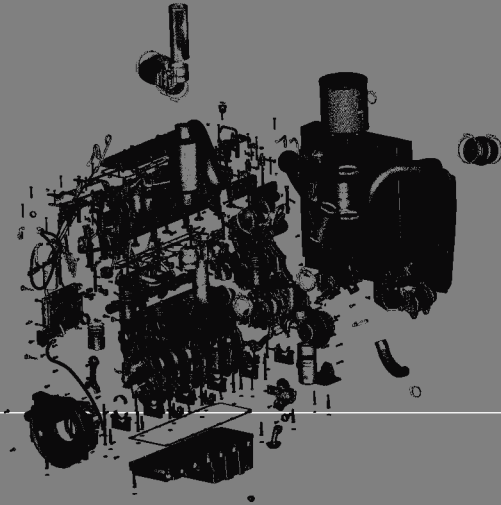
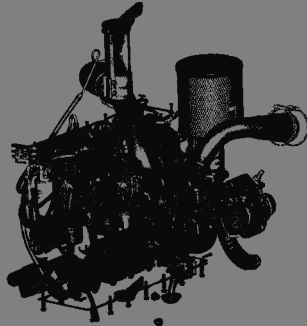


TRAINING TRANSFORMED

INTERACTIVE 3D SIMULATION



nGRAIN®

GET THE FULL PICTURE



F-18 LANDING GEAR

Unlike operational aircraft, virtual equipment is available for training use anytime.



VIRTUAL HANDS-ON

NGRAIN® 3D simulation solutions are proven to accelerate learning by providing unlimited practice of installation, maintenance and repair procedures. With NGRAIN, personnel are able to rotate, cross-section, and remove and replace 3D equipment parts in real time. This level of interaction and accessibility is a key element in preparing personnel for hands-on exercises and task performance.

NGRAIN's commercial-off-the-shelf software-based solutions are used by all arms of the United States and Canadian militaries, and by leading defense manufacturers and systems integrators such as Lockheed Martin, EADS and CAE. NGRAIN is currently employed on hundreds of equipment systems, including vehicles, weapons, aircraft, communications devices, generators and more.



COST AVOIDANCE

Recognizing dramatic gains in personnel training and on-the-job productivity, NGRAIN customers have experienced significant return on their investment, including millions of dollars in immediate cost avoidance. This value is further driven by the reusability of NGRAIN 3D simulations, which can be easily edited and repurposed by the customer at no additional cost.



HIGHLY DEPLOYABLE

Optimized for Web deployment, NGRAIN solutions enable personnel to learn, practice and review procedures anywhere, anytime. NGRAIN delivers high performance on low-end computers and mobile devices and does not require specialized graphics acceleration hardware, removing the burden and cost traditionally associated with 3D graphics.

SPEED UP THE TRAINING, AND ADD UP THE SAVINGS



M4 CARBINE

Personnel can explore the disassembly and reassembly of 3D equipment in real time.

60%

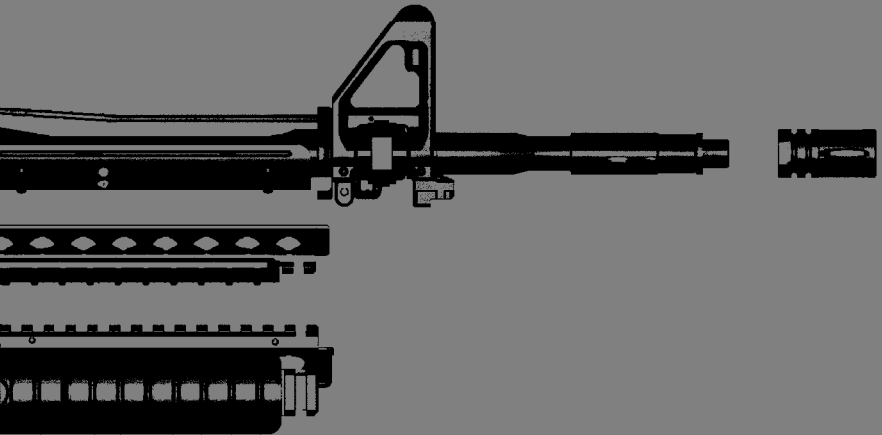
FASTER LEARNING

Improve comprehension and accelerate training by 60 percent.*

25%

LESS DOWNTIME

Enable novices to perform like experts and reduce the time to resolve maintenance incidents by 25 percent.*



PROVEN RESULTS

CHIEF, MAINTENANCE TRAINING DIVISION, US ARMY

"Using NGRAIN we are able to shave 12 hours off a 40-hour training block. This translates to more than \$14 million in cost avoidance per year."

COURSE MANAGER, US AIR FORCE

"Not only do students relate to the visual learning aspect of NGRAIN, but their comprehension and performance of the material is higher."

MASTER WARRANT OFFICER, CANADIAN FORCES

"With NGRAIN, the speed at which 3D content can be produced, distributed and viewed means that personnel have the tools necessary to execute the mission where and when needed."

*Results from independent third-party studies conducted by the United States and Canadian militaries.

COMPATIBLE

3D simulations created with NGRAIN products can be easily inserted into new and existing Microsoft® Word documents, PowerPoint® slides, and Adobe® PDF files, as well as HTML and Windows Forms applications. NGRAIN also meets SCORM 2004 3rd edition specifications, and can be launched and tracked by industry standard learning management systems. NGRAIN solutions have been certified for use on military networks in the United States and Canada.

Microsoft



SOLUTION PARTNER

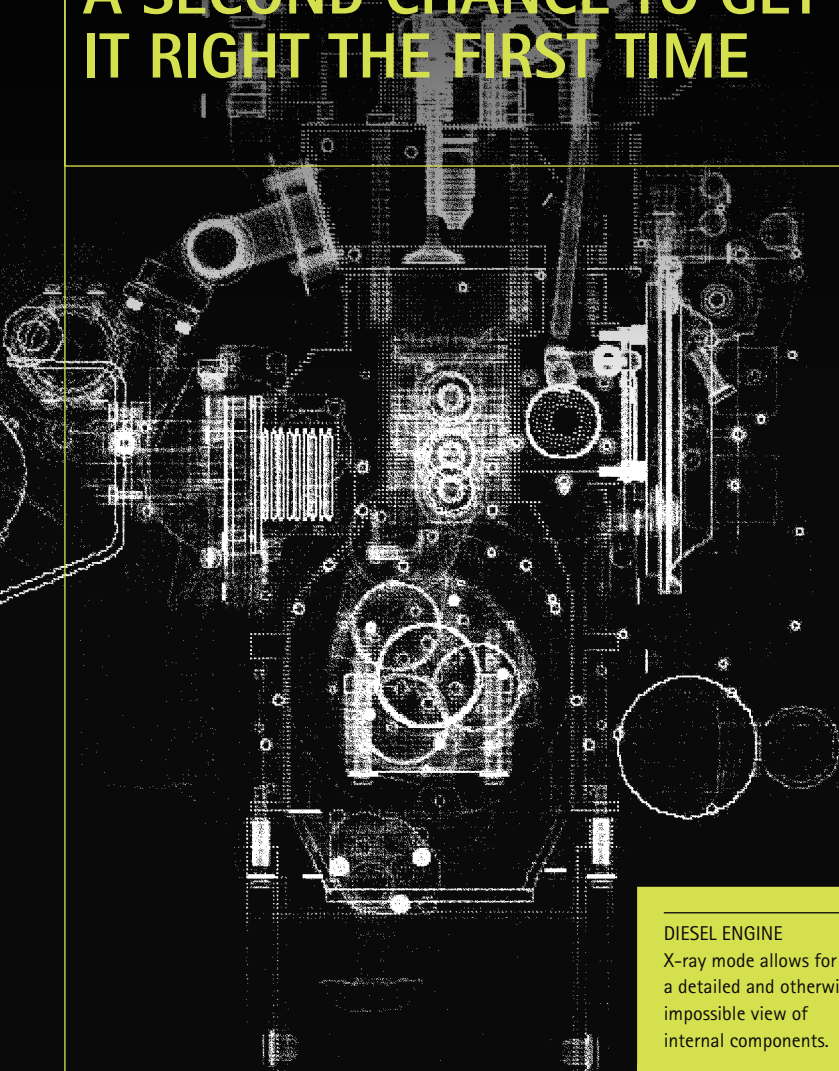
FIRST-TIME-RIGHT

By allowing personnel to review and practice procedures before they perform a task, NGRAIN is proven to enable novice technicians to perform at the same level as seasoned experts. NGRAIN-assisted technicians are able to complete maintenance tasks 25 percent faster, and attain first-time-right performance 20 percent more often.

RAPID LEARNING

The introduction of NGRAIN to a training curriculum—either as an instructional aid or self-paced learning tool—increases student throughput, while improving access to learning. Students are proven to learn faster with NGRAIN, and are better prepared when they "put hands to steel" in the workshop, hangar or field.

VIRTUAL PRACTICE: BECAUSE YOU NEVER GET A SECOND CHANCE TO GET IT RIGHT THE FIRST TIME



DIESEL ENGINE

X-ray mode allows for a detailed and otherwise impossible view of internal components.

PRODUCT SUITE

Simple to use, simple to learn, NGRAIN products do not require any 3D experience or programming.

nGRAIN® VIRTUAL TASK TRAINER™

Watch procedural animations and practice installation, maintenance and repair tasks virtually. Integrate into training curriculum and learning management systems.

nGRAIN® VIRTUAL TASK REFRESHER™

Refresh understanding of infrequently performed job tasks. A standalone application, NGRAIN Virtual Task Refresher delivers critical training anytime, anywhere.

nGRAIN® VIRTUAL INDEX™

Expedite access to equipment information and reference materials through interactive links on a 3D model. Streamline access to critical program information.

nGRAIN® PRODUCER®

Empower subject matter experts with the ability to create and update 3D equipment simulations, including animations and tasks. Use NGRAIN Producer to update the 3D simulations delivered with the products listed above.

Additional NGRAIN commercial-off-the-shelf software-based solutions include NGRAIN® Virtual Damage Assessment™ and NGRAIN® Virtual Parts Locator™.

Seeing is believing. For more information, or to request a demo, email info@ngrain.com or call 1-866-420-1781 today.

► www.ngrain.com