

# DEFENSE APPLICATIONS

INTERACTIVE 3D SIMULATION SOLUTIONS



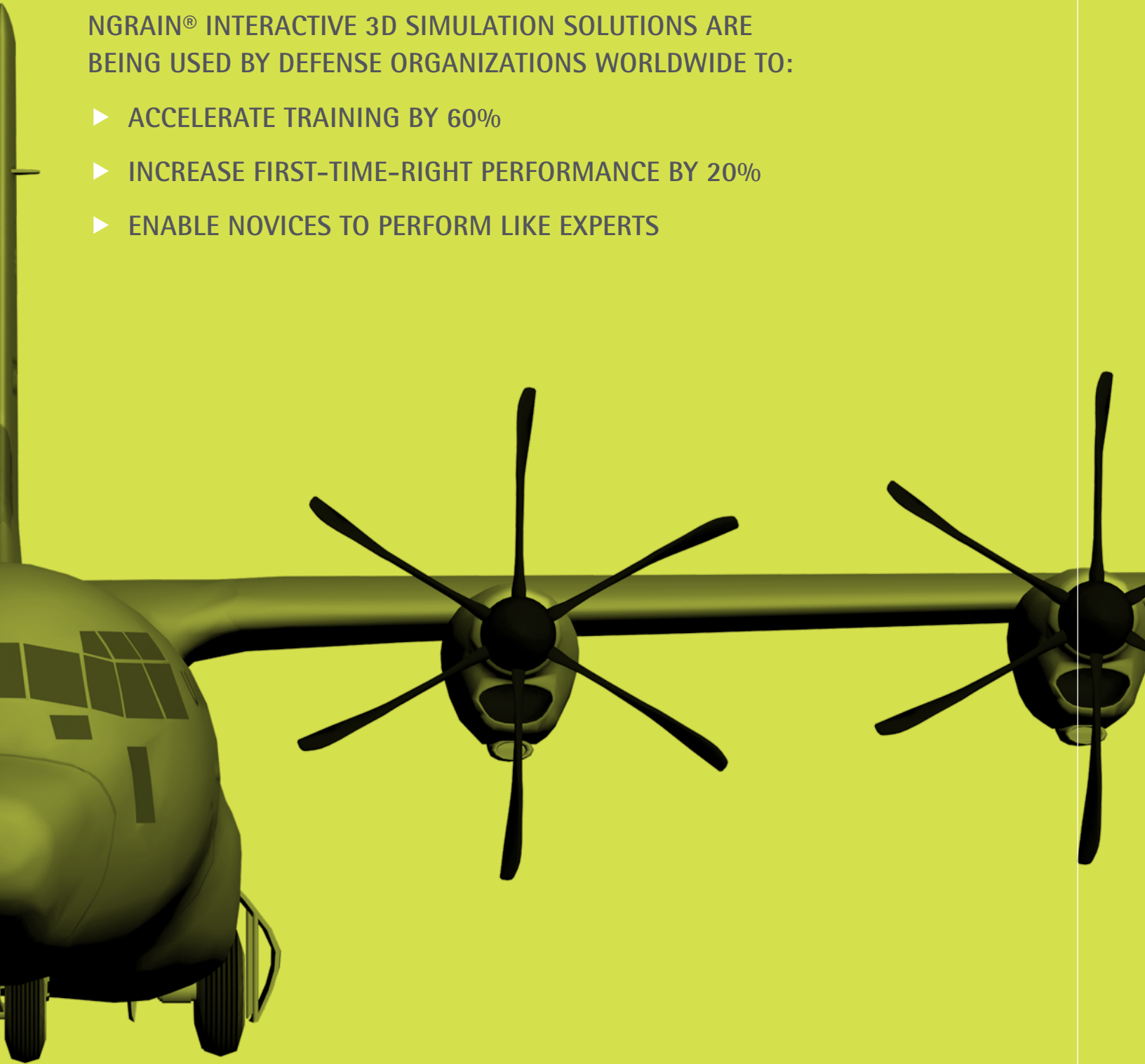
*“If you keep doing what you’ve always done, you’ll keep on getting what you always got.”*



# WHY NGRAIN?

NGRAIN® INTERACTIVE 3D SIMULATION SOLUTIONS ARE BEING USED BY DEFENSE ORGANIZATIONS WORLDWIDE TO:

- ▶ ACCELERATE TRAINING BY 60%
- ▶ INCREASE FIRST-TIME-RIGHT PERFORMANCE BY 20%
- ▶ ENABLE NOVICES TO PERFORM LIKE EXPERTS



## PROVEN RESULTS

### COURSE MANAGER, US AIR FORCE

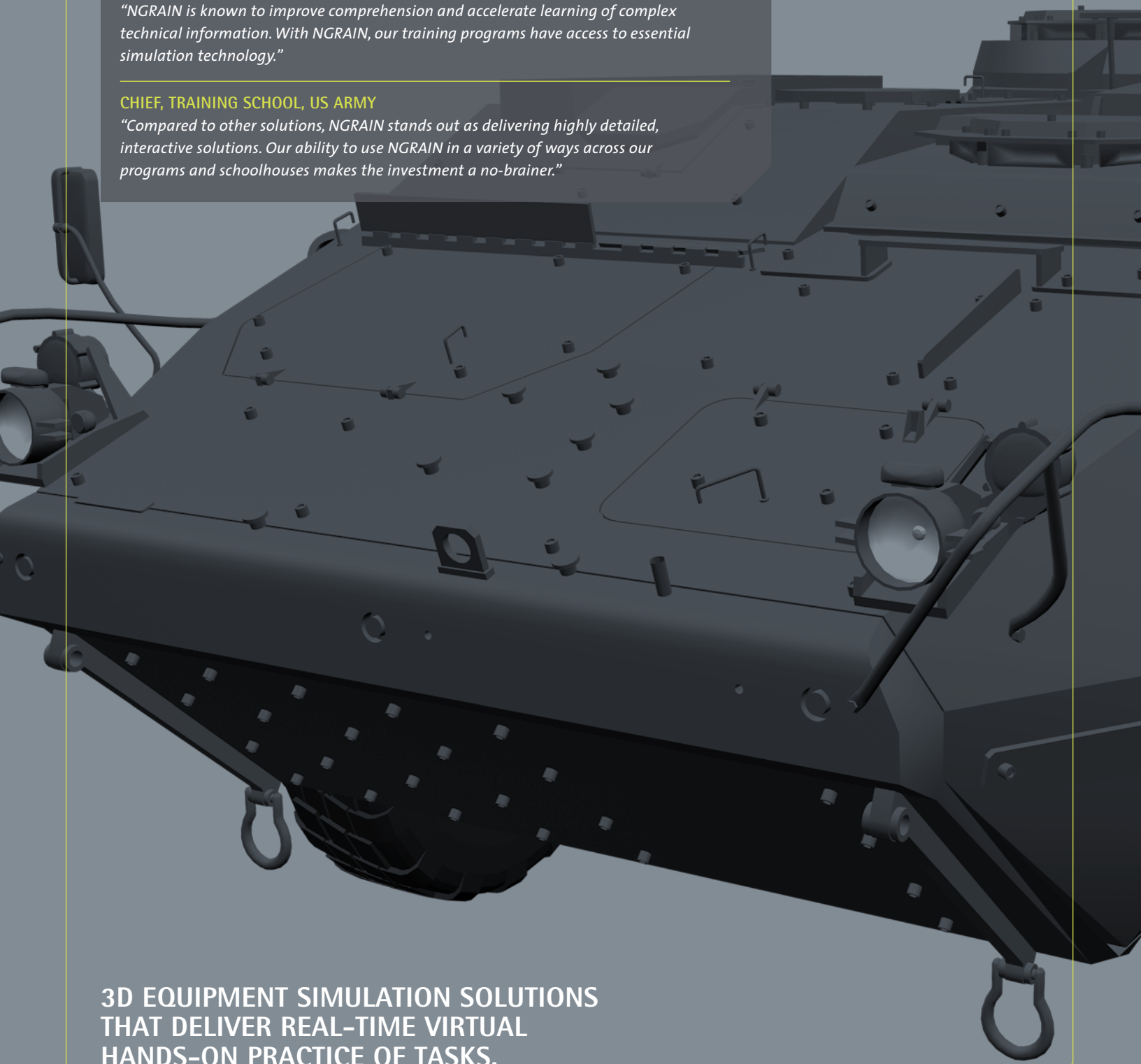
*"With NGRAIN, our students have a greater understanding and familiarity with the equipment. This has had a notable improvement on student performance when they get hands on with the actual equipment."*

### TRAINING PROGRAM MANAGER, CANADIAN AIR FORCE

*"NGRAIN is known to improve comprehension and accelerate learning of complex technical information. With NGRAIN, our training programs have access to essential simulation technology."*

### CHIEF, TRAINING SCHOOL, US ARMY

*"Compared to other solutions, NGRAIN stands out as delivering highly detailed, interactive solutions. Our ability to use NGRAIN in a variety of ways across our programs and schoolhouses makes the investment a no-brainer."*



**3D EQUIPMENT SIMULATION SOLUTIONS  
THAT DELIVER REAL-TIME VIRTUAL  
HANDS-ON PRACTICE OF TASKS.**

# TRAINING

## ▶ INSTRUCTIONAL AIDS

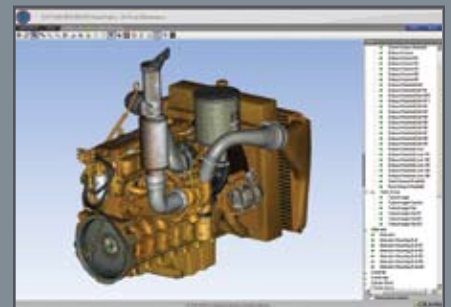
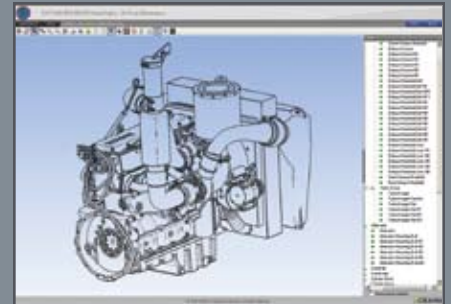
Traditional instructional materials are limited in their ability to convey information about installation, maintenance, and repair procedures. With NGRAIN, instructors can demonstrate equipment virtually –from illustrating theory of operations to performing removal and install procedures. A powerful teaching tool, NGRAIN is proven to simplify complex topics and accelerate learning.

## ▶ PROCEDURE TRAINERS

Access to hard trainers and equipment for hands-on training is increasingly limited by budget and resource constraints. NGRAIN solutions deliver virtual hands on training of maintenance procedures, while offering significant cost avoidance. NGRAIN solutions are proven to accelerate training by up to 60%.

## ▶ DISTRIBUTED LEARNING

Effective maintenance training is challenging to achieve in a distributed learning environment. Optimized for web deployment and interoperable with Learning Management Systems, NGRAIN solutions allow students to learn and practice procedures virtually, providing greater comprehension and longer-lasting knowledge retention.



## PROVEN RESULTS

### TECHNICAL TRAINING PROJECT MANAGER, CANADIAN AIR FORCE

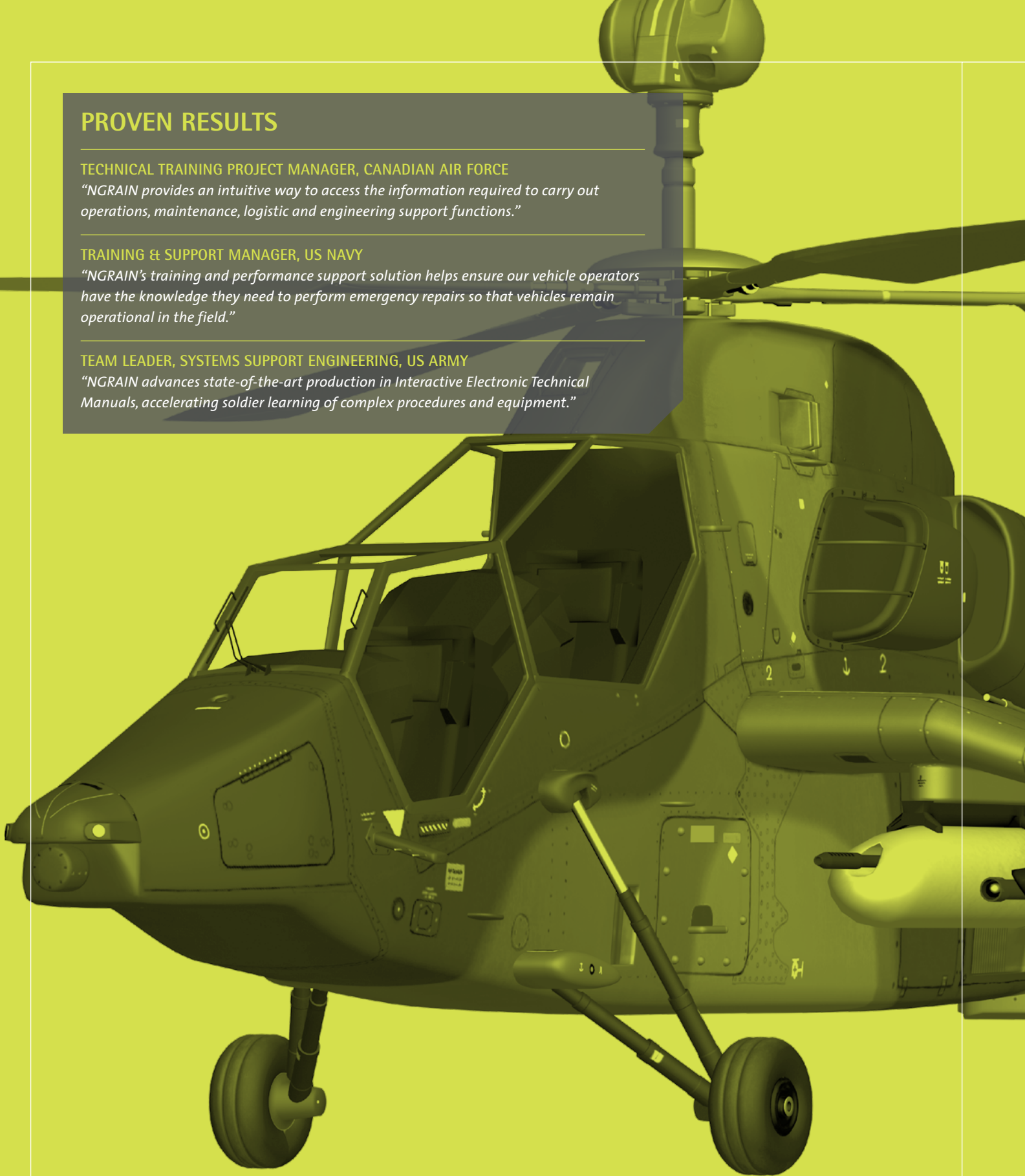
*"NGRAIN provides an intuitive way to access the information required to carry out operations, maintenance, logistic and engineering support functions."*

### TRAINING & SUPPORT MANAGER, US NAVY

*"NGRAIN's training and performance support solution helps ensure our vehicle operators have the knowledge they need to perform emergency repairs so that vehicles remain operational in the field."*

### TEAM LEADER, SYSTEMS SUPPORT ENGINEERING, US ARMY

*"NGRAIN advances state-of-the-art production in Interactive Electronic Technical Manuals, accelerating soldier learning of complex procedures and equipment."*



**UPDATE, INTEGRATE AND DISTRIBUTE 3D SIMULATIONS QUICKLY AND EASILY, TRANSFORMING NOVICES INTO SUBJECT MATTER EXPERTS.**

# PERFORMANCE SUPPORT

## ► TASK REFRESHERS

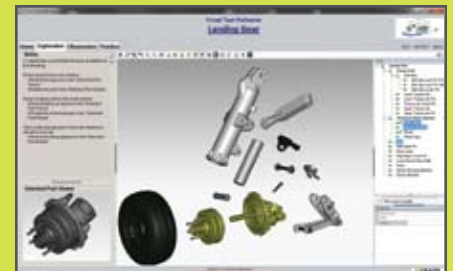
As training residency time decreases and expert technicians retire, there is an increased need to provide maintenance personnel with advanced, on-demand task performance support. NGRAIN solutions provide on-the-job procedure guidance and support, increasing task performance accuracy, and shortening equipment downtime.

## ► TECHNICAL MANUALS

Continuous efforts to improve the effectiveness of Technical Manuals are part of the evolution of military equipment maintenance programs worldwide. Inserted into HTML, Microsoft® Word, or Adobe® PDFs, NGRAIN allows technicians to virtually review and practice procedures on demand. NGRAIN-enabled Technical Manuals are proven to increase first-time-right performance by 25% and enable novice technicians to perform at the same level as seasoned experts.

## ► MAINTENANCE SYSTEMS

Sixty-five cents of every dollar spent on a piece of equipment goes towards sustainment. Whether used to streamline equipment damage assessment and repair tracking, or parts location and ordering, NGRAIN provides a way to improve the efficiency and reduce the costs associated with equipment in-service support.





Seeing is believing. For more information, or to request a demo, email [sales@ngrain.com](mailto:sales@ngrain.com) or call 1.866.420.1781 today.

[www.ngrain.com](http://www.ngrain.com)