

Precision Accuracy Engagement

Transform defence training with
Promethean's interactive solutions

Promethean—your trusted partner in interactive defence training solutions

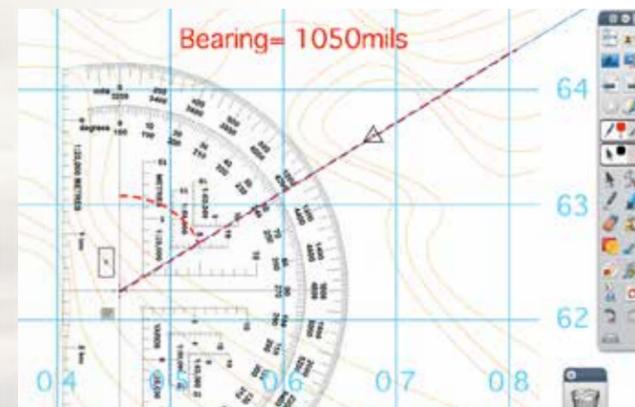
Promethean is a world leader in interactive defence training solutions. Our innovative technology – interactive whiteboards, software, audience response systems, and interactive tools – are designed to support communication, collaboration and learning.

Our technology has been proven to increase instructional results in education, revolutionising the way the world teaches, learns and interacts. Deployed in defence training bases worldwide, our solutions are creating productive training environments where unprecedented levels of precision, accuracy and engagement are being achieved – ultimately improving the performance and effectiveness of front line forces.



PRECISION

- Improve training precision with the use of large format interactive whiteboards
- Support precise training exercises with advanced interactive software – leaving dated instructional aids behind
- Pinpoint individual student progress and areas for development



ACCURACY

- Deploy electronic tools like the Military Protractor to increase accuracy when plotting grids and taking or reading bearings
- Increase confidence in progress assessments by using robust and self-paced evaluations
- Use insights gained from audience response sessions to prepare more detailed and accurate reports



ENGAGEMENT

- Combine interactive technologies with third party software like Virtual Task Trainer to enhance the training experience
- Achieve 100% engagement with every student in the room using audience response systems
- Create training continuum from the classroom to the Armed Forces - today's students use interactive technologies as part of their daily school lives

Tried and tested techniques...

...with modern interactive technologies



Navigation Skills

Present navigational information on ActivBoard's large interactive display to make training sessions more engaging and productive.

Open up a new level of instructional practice using real time examples of the techniques employed in grid and bearing plotting using the interactive Military Protractor. Now instructors can ensure that the entire class can clearly view demonstrations using a magnified view on the board whereas students would have once struggled to see around a crowded map.

Take advantage of the board's large screen and captivate the whole class using Promethean's visual presenters and document cameras to display a live feed of traditional map and compass demonstrations that would normally require close-up, small group or one-to-one tuition.

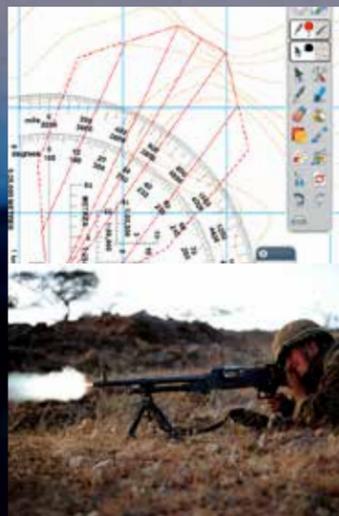


Skill at Arms (SAA)

Combine the ActivBoard with third party software to enhance the training experience and support revision sessions.

Integrate Virtual Task Trainer (VTT) within lessons to assist students with their personal weapon handling and help eliminate bad habits. The multi-touch capability of ActivBoard 500 series further enhances this with students able to manipulate the software as if they were handling a real fire arm.

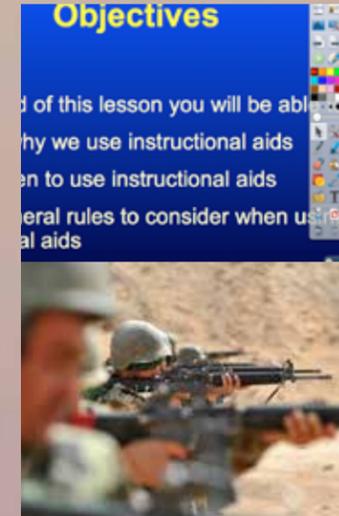
Running this alongside the review of live fire exercises helps to create a more joined-up learning experience. Interactive and precise, instructors can move relevant icons around the screen to demonstrate the importance of wind allowance and adjustment of aim. Unlike static instruction aids, multiple examples can be demonstrated with the same resource – no need to draw and then redraw.



Live Firing Tactical Training (LFTT)

Use the ActivBoard to improve the accuracy of danger areas in LFTT exercises. Replacing the plastic maths tools traditionally used to plot areas for training exercises, the Promethean Military Protractor facilitates more complex trace plans that can be locked into place. Moreover, the plans can be saved for future reference and reviewed as part of debriefings.

No longer restricted by chalk that can smudge on the board, using the Military Protractor on the ActivBoard creates a dynamic training environment with greatly improved accuracy when plotting grids and taking or reading bearings.



Defence Instructional Techniques

Promethean audience response systems facilitate greater student engagement and provide accurate insights into understanding and confidence.

Combine ActivExpression with the ActivBoard to create a fully interactive environment where you can guarantee a meaningful response from everyone in the room – not just a quick show of hands or feedback from one or two students.

Harnessing the power of Promethean audience response systems will enable you to stimulate discussion and create maximum activity. Ultimately, this level of insight will mean better reflection on the period of instruction.

Use ad hoc questions or prepared question banks throughout the session for periods of confirmation. At the end of the session, use the technology in anonymous mode to ask students how they feel about their abilities post-training and be confident in an honest response from everyone in the room.



Progress Tests

Traditional marking techniques are open to a certain level of risk given the paper-based approach and procedure for first stage peer –marking. Remove the risk completely and achieve 100% robustness by using Promethean audience response systems.

Guarantee a response from everyone in the room and analyse their performance in terms of speed of response and accuracy. Save time on the marking process as the responses are instantly recorded and available for reporting immediately. Exporting the data straight to Excel™ saves even more time when processing student reports.



Live Firing Marksmanship Training (LFMT)

Use Promethean technologies to support LFMT and improve the efficiency, effectiveness and accuracy of training sessions.

Unlike traditional instructional aids, using the ActivBoard with accompanying interactive software enables the display of actual live fire patterns. Taking the actual live fire pattern and displaying it on the large format board makes it easy to measure the group size – as opposed to recreating the patterns on a blackboard.

Take this a step further with the electronic maths tools including the ruler, compass and Military Protractor. Using these tools increases the accuracy and precision of measuring the necessary adjustments and gives the student improved feedback for their development. So no more relying on a degree of estimation in recreating the live fire patterns: just precise and accurate evaluation.

Brecon Infantry Battle School

A combination of Promethean ActivBoard 500 and ActivExpression learner response solutions rapidly transformed training delivery at the Infantry Battle School, Brecon.

Introducing Promethean solutions was a major advancement in terms of bringing our training into the 21st Century and better aligning delivery with the needs of our 'Playstation Generation' trainees.

Almost overnight we transformed the tried and tested techniques of magnetic aids and drop boards into a truly engaging training experience. We could still use the same course content and 'reveal' methods, but enhanced this with improved accuracy and seamless delivery – this could only be achieved through interactive delivery on the Promethean board.

Two key areas that Promethean has enhanced training are Skill at Arms (SAA) and Live Firing Tactical Training (LFTT). Using ActivExpression handsets we now have the ability to create maximum activity during period of instruction by engaging all students in the lesson and depending on the answers received, we then get students to elaborate where required.

Previously, when asking students a question, we would only get limited responses, where now we have the ability to create maximum activity and maintain the students' desire to learn. Due to the maths tools available within the software, instructors also now have the ability to identify and show students how to measure a group of shots on a problem and detail the correct way to measure and work out the adjustments required.

During LFTT lessons we can plot grids and draw bearings accurately using the Promethean Military Protractor. Using the maths tools available we can accurately draw live firing danger area traces.



The combination of the ActivBoard 500 with ActivExpression has created a modern training environment that is dynamic, effective and efficient

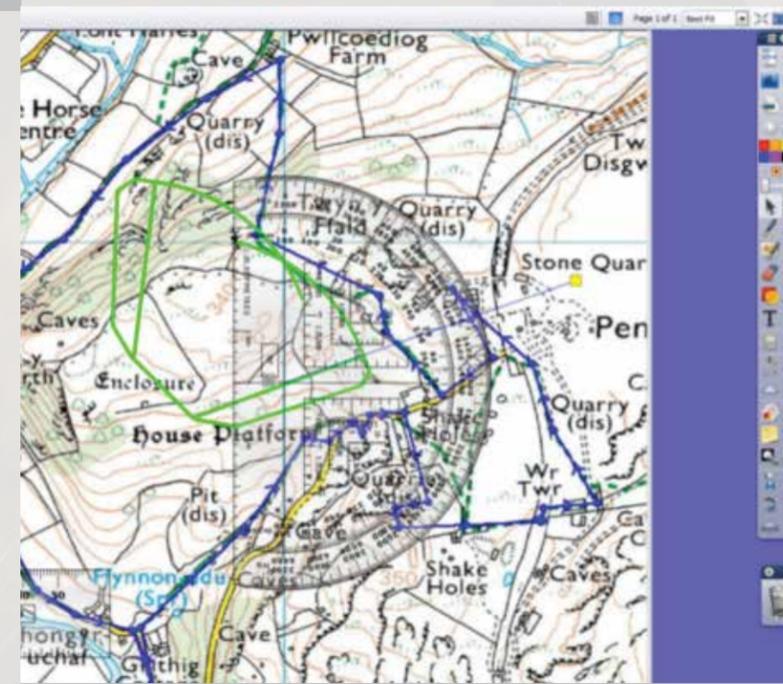
Whereas the traditional chalkboard method would often smudge and be difficult to pinpoint, using the Promethean board the accuracy and detail has now been drastically improved.

With the development of Virtual Task Trainer (VTT), recruits and students have the ability to enhance their knowledge on the SA80A2 Rifle. VTT allows students to carry out refresher training and using the Promethean ActivBoard 500 board with touch capability, they can rotate the weapon through 360 degrees and operate key components (such as the trigger) and it will respond as if you were touching the weapon.

The programme covers the training syllabus that students receive during periods of instruction and during the practice stages it will assist the student in correcting any mistakes that are made.

Warrant Officer Class 2, Mat O'Brien, Divisional Instructor, Skill at Arms Wing.

“During LFTT lessons we now have the ability to plot grids and draw bearings accurately using the Promethean Military Protractor. Using the maths tools available we can also accurately draw live firing danger area traces.”



Live Firing Tactical Training Weapon Danger Area Trace being constructed with the Promethean Military Protractor



Promethean Interactive Solutions

Promethean offers a fully integrated range of interactive technologies to help enhance defence training delivery by improving precision, accuracy and engagement.

INTERACTIVE WHITEBOARD SYSTEM



ActivBoard System

A large interactive whiteboard powered by a computer and front projection to engage the audience.

The ActivBoard systems are offered in a range of configurations (fixed or mobile) and sizes (64", 78", 87", 95" widescreen) to accommodate any environment.

INTERACTIVE SOFTWARE



ActivInspire

Award-winning software that sets a new standard for interactive presentations, making training delivery more engaging and ensuring training continuum from classroom to the front line.



Promethean ActivOffice

A plug-in for Microsoft® PowerPoint® that allows annotation over PowerPoint slides and the ability to save notes captured during the training session.

RESPONSE SYSTEMS



ActivExpression

Hand-held collaborative presentation and learning tool that maximises student response and engagement using words, numbers, symbols, rating scales and much more.



ActivEngage

Cross-platform audience response system works on desktops, laptops or mobile devices.

INTERACTIVE TOOLS



ActiView

A visual presenter that allows the details of an object or document to be shared with the whole group.



ActivSlate

Wireless notebook sized tablet that lets you control the ActivBoard during lessons from any location in the room while addressing the class.



ActivPanel

A 21-inch LCD mini-board plugs into a computer and uses a pen-like stylus to control the software and project your actions onto any-size screen, so you can address the class without turning your back.



ActivSound

An audio solution that ensures everyone can hear and be heard.

Why Promethean?

Intuitive

Our hardware and software solutions are intuitive, easy to use and create an engaging and productive training experience.

Innovative

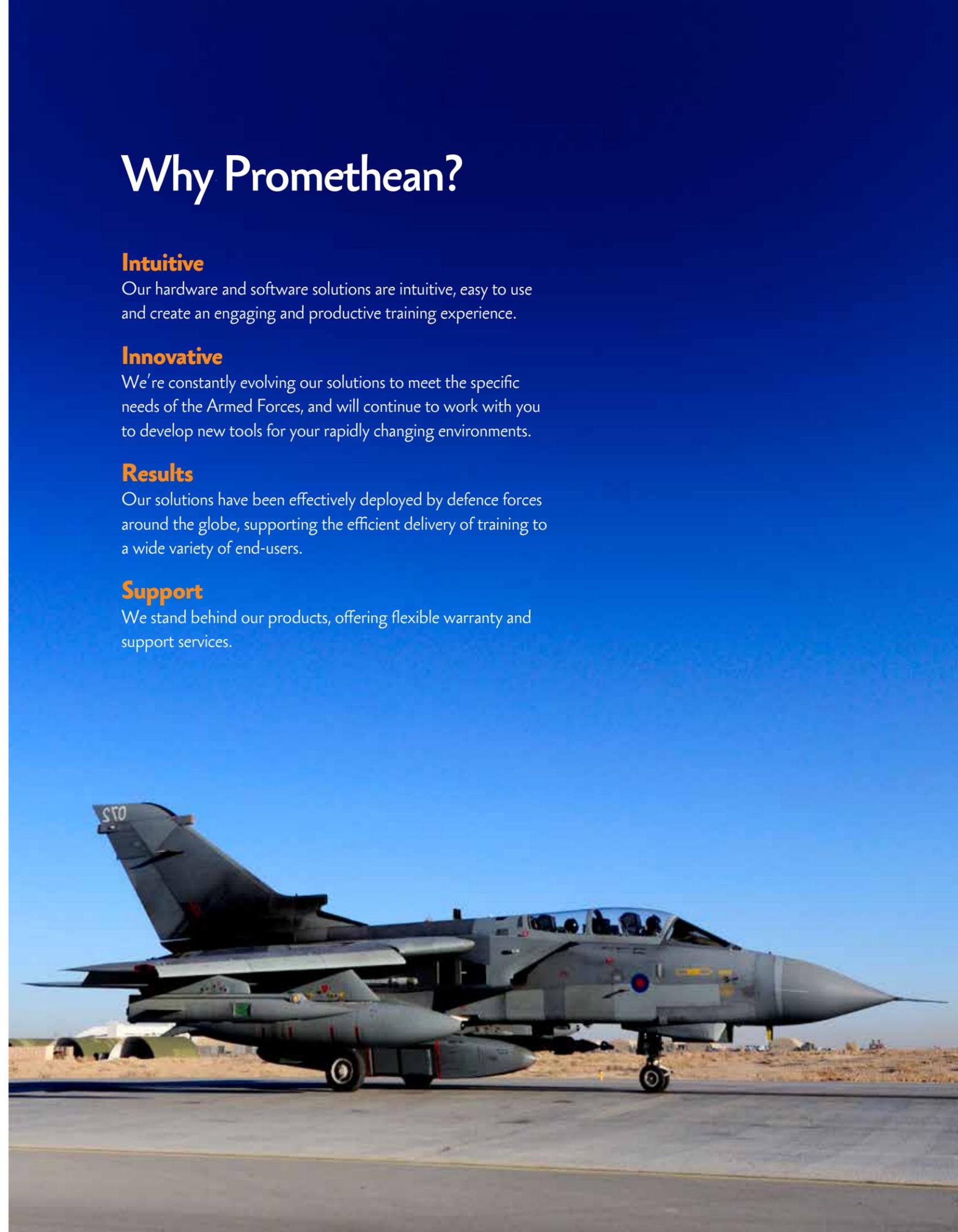
We're constantly evolving our solutions to meet the specific needs of the Armed Forces, and will continue to work with you to develop new tools for your rapidly changing environments.

Results

Our solutions have been effectively deployed by defence forces around the globe, supporting the efficient delivery of training to a wide variety of end-users.

Support

We stand behind our products, offering flexible warranty and support services.



Promethean... Around the Globe

Promethean Solutions know no boundaries, with defence services far and wide adopting ActivBoards, ActivTables, ActivExpressions and other technologies to support teaching and learning – no matter how remote.

Brecon Infantry Battle School, UK

The Brecon Infantry Battle School delivers competent and confident commanders for the Field Army by running command and leadership training, infantry tactics training, weapons training, and live firing range qualifications. It also provides specialist training teams to assist foreign forces in their development, and allocates some places on courses for overseas students.

Army Training Centre Pirbright, UK

ATC Pirbright provides Phase 1/basic training to new recruits in the British Army, with a focus on coaching and mentoring to help recruits complete the course and move on to Phase 2 training where they learn the specific skills for their chosen trade.

Royal Military Academy Sandhurst, UK

The world-renowned Royal Military Academy Sandhurst is where all officers in the British Army are trained to take on the responsibilities of leading soldiers. Training at Sandhurst covers military, practical and academic subjects and while it is mentally and physically demanding, there's also plenty of time set aside for sport and adventurous training.

United States Military

Depending on career speciality, service members attend one of many diverse skill training schools. While there, he or she learns the skills necessary to succeed at his or her specific career through hands-on training, classroom sessions and field instruction.

College of Shijiazhuang, People's Liberation Army, China

Shijiazhuang is home to a large military garrison and has a number of PLA colleges and universities focused on the development and education of troops.

Escuela Militar Chorrillos - Military Academy, Peru

The Escuela Militar Chorrillos is the institution in charge of the undergraduate education of officers of the Peruvian Army, with the General in command of all military education for Peru looking to implement a complete education infrastructure based around Promethean's solutions.

The Lebanese Armed Forces Command, Lebanon

The LAF Command operates and coordinates over 70,000 active personnel across the Lebanese military, including various military colleges and schools.

Slovenian Armed Forces, The Republic of Slovenia

The Slovenian Armed Forces are manned with active and reserve component members. Now an active member of NATO and the EU, the SAF trains and supports approximately 9,000 personnel.

Australian Defence Force

The Australian Defence Force (ADF) consists of the Royal Australian Navy, Australian Army, Royal Australian Air Force. The ADF is responsible for the training of over 80,000 full-time personnel and active reservists.

DIMENSION SYSTEMS

creating solutions with *technology*

To find our more:

Visit: www.DimensionSystems.com

Guam Office

643 Chalan San Antonio STE 107
DFS Pacific Plaza,
Tamuning, Guam 96913-3644
Phone: (671) 646-2007 | Fax: (671) 646-2006
Email us at: sales@DimensionSystems.com

Philippine Office - DSI TECHNOLOGY

Suite 3004, 30/F Antel Global Corporate Center
Julia Vargas Ave., Ortigas Center
Pasig City, Philippines 1603
Phone: (632) 900-0198
Email us at: salesph@DimensionSystems.com

©2012 Promethean Ltd. All rights reserved. Any third-party product and company names are mentioned for identification purposes only and may be trademarks of their respective owners. Products are subject to availability by country.

Comp. BR.08/12 V3.0 US



Images in this brochure have been sourced from the MoD image library and reproduced under the Open Government Licence. Images also supplied courtesy of Brecon Infantry Battle School.