

Program Executive Office
Simulation, Training and Instrumentation

*International Activities
Overview*

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*Leading 21st Century
Simulation Solutions*

PEO-STRI's Global Impact

Across the Combatant Commands / Supporting 49 Nations

- Delivering Military Articles and Services
- Processing Requests for Technology Transfer and Industry Export Licenses
- Develop and Implement International Cooperative Programs
- Transforming Foreign Militaries
- Integrating Live, Virtual, Constructive Simulation Globally

FY02 Highlights

- New Business - \$85.7M
- Equipment Deliveries - \$33M
- Recoupment of WCLS \$.9M
- Export Licenses - 189
- New Int'l Co-OP Programs - 4



Utilizing 37 Different Defense Contractors

PEO - STRI Security Cooperation Impact

49 Nations



PEO-STR

LOCATIONS

- Argentina
- Australia
- Bahrain
- Belgium
- Bosnia
- Botswana
- Canada
- Colombia
- Croatia

- Czech Republic
- Denmark
- Egypt
- France
- Georgia
- Germany
- Greece
- Indonesia
- Israel
- Italy
- Japan
- Jordan
- Korea

- Kuwait
- Luxembourg (NAMSA)
- Malaysia
- Mexico
- Morocco
- Netherlands
- New Zealand
- Nigeria
- Norway
- Oman
- Poland
- Portugal
- Romania
- Saudi Arabia
- Saudi Arabia National Guard

- Singapore
- Slovak Republic
- Slovenia
- Spain
- Sweden
- Switzerland
- Taiwan
- Thailand
- Tunisia
- Turkey
- United Arab Emirates
- United Kingdom
- Venezuela



International Cooperative Programs

Country	Type	Number	Title	Expires
Established				
France	DEA	FR-1188	Training Device and Simulation Technology	Feb-03
Germany	DEA	GE-1468	Training Simulators and Simulations	Sep-03
Germany	FLO	GE-0009	German Liaison (Manegold)	Jul 06
Italy	FLO	IT-0317	Italian Liaison (de Fonzo)	Oct-03
Netherlands	DEA	TN-1529	Advanced Distributed Simulation Technology	Dec-04
United Kingdom	DEA	UK-1543	Modeling and Simulation Technologies	Aug-02
United Kingdom	FLO	UK-0293	UK Liaison (Gallier)	Mar 04
United Kingdom	MOU	UK-0114	Cooperation in the Development of CATT	05-Dec-06
Singapore	IEA	SN-1584	Modeling & Simulation	Feb 07
Sweden	DEA	SW-1605	Modeling and Simulation Technologies	18-Apr-06
Proposed				
Australia	PA	TBD	OneSAF/Computer Generated Forces	TBD
France	PA	FR-0088	Course of Action Analysis Simulation	TBD
Germany	PA	GE-0083	WARSIM GUPPIS	TBD
Singapore	PA	TBD	Co-Development of Gaming Technology	TBD
United Kingdom	PA	UK-0080	Computer Generated Forces	TBD
Discussed				
Australia	TBD	TBD	JCATS	TBD
Canada	PA	TBD	LAV Virtual Target	TBD
Japan	MOU	TBD	JSIMS	TBD
Korea	DEA	TBD	Modeling and Simulation Methodology	TBD
Singapore	PA	TBD	Foundation Initiative 2010 Test & Training Enabling Architecture	TBD



Transforming Foreign Militaries

“ The modeling and simulation device shall assist in **developing** and training commanders and staff officers for a wide range of military operations in the Armed Forces of the Czech Republic **as a NATO member**”

- Czech Republic LOR

“ The Republic of Croatia has been actively pursuing the **transition of its Armed Forces to western concepts**...the availability of simulations would greatly contribute to Croatia’s capability.”

- Croatia LOR

“ Poland wishes to establish a Simulation and Computer War Center (SCWC). **The Polish Military must build understanding and confidence by commanders, staffs and units** so that they can function in a combined environment.”

- Poland LOR

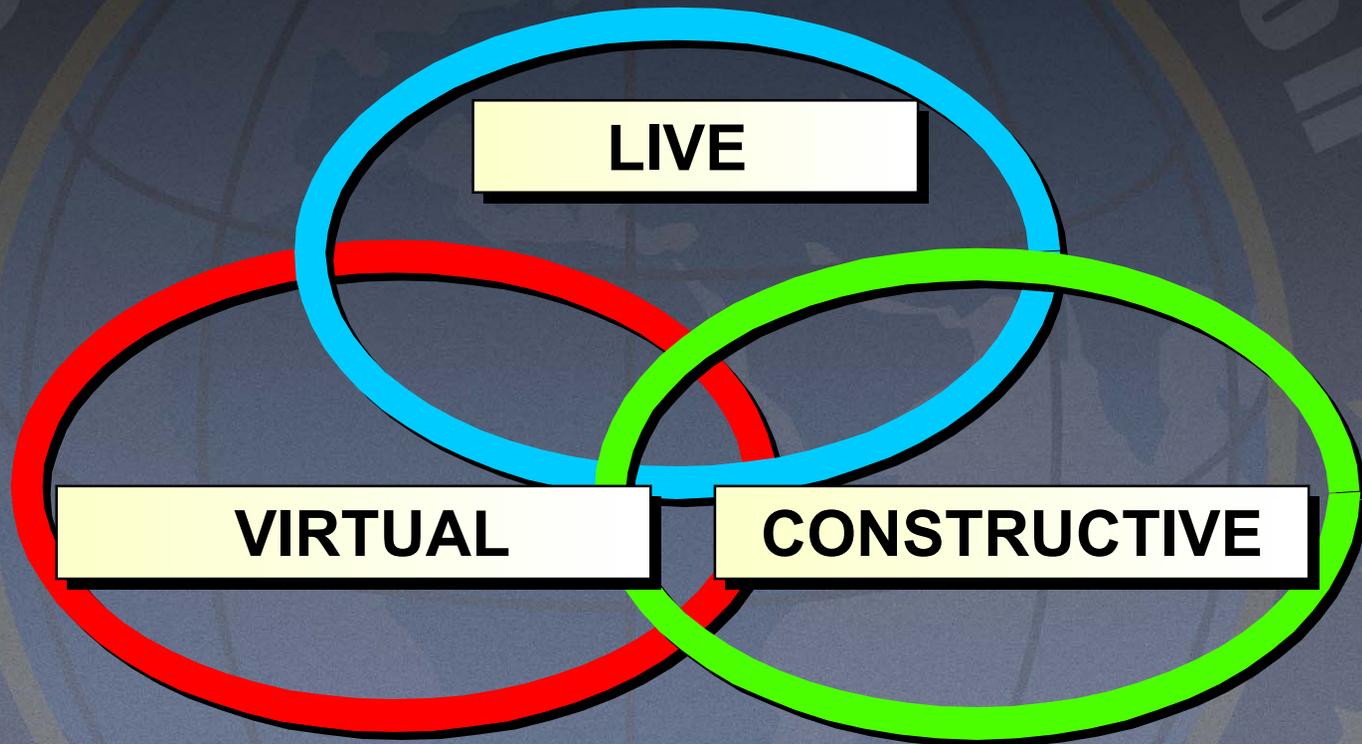
“ The Nigerian Armed Forces requests your assistance in establishing a modeling and simulation (M&S) center for Nigeria. **This center is considered an essential piece in preparing Nigeria for future participation in regional peacekeeping operations.**”

- Nigeria LOR



Through the Security Assistance Process...

PEO-STRI Assists our International Partners to Integrate the Three Domains of Simulation



PEO - STI Supports Readiness & Engagement Activities through LIVE Training



Examples:

- MILES
- TARGETS
- CMTC Exercises

Greece
Indonesia
Israel
Italy
Japan
Jordan
Korea
Kuwait
Morocco
Netherlands
Norway
Portugal
Romania
S.A.N.G.
Saudi Arabia
Sweden
Switzerland
Taiwan
Tunisia
Turkey
UAE
Singapore

Belgium
Canada
Croatia
Czech Republic
Denmark
Egypt
Germany

... Actual Soldiers and Equipment Operating Together, Often on Instrumented Ranges.



PEO - STI Supports Readiness & Engagement Activities through VIRTUAL Training

Examples:

- AGTS
- CMS
- COFTs
- VIGS
- TDT
- GUARDFIST
- EST
- Flight Simulator Usage



... Manned Simulators Interacting within a Synthetic Environment, in Many Cases with other Simulators.

Bahrain
Colombia
Czech Republic
Denmark
Egypt
Georgia
Greece
Israel
Italy
Jordan
Kuwait
Malaysia
Mexico
NAMSA
Oman
Portugal
S.A.N.G.
Saudi Arabia
Spain
Taiwan
Thailand
Tunisia
Turkey
United Kingdom
Venezuela



PEO - STI Supports Readiness & Engagement Activities through CONSTRUCTIVE Training

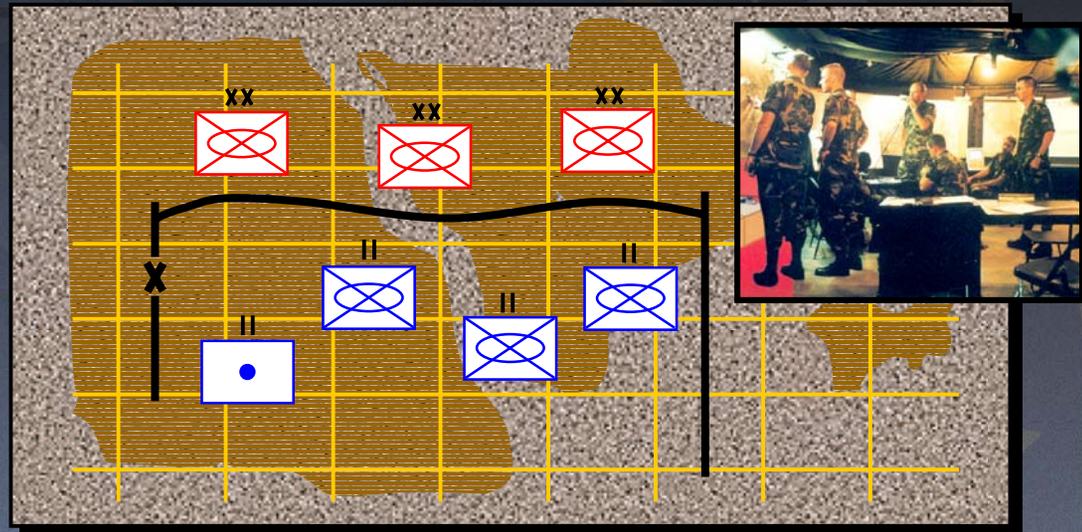
Examples:

- JANUS
- BBS
- CBS
- MODSAF/OneSAF
- SATIDS
- SPECTRUM
- JCATS/JTLS

... Constructive Simulations Consist of Wargames and Models, and are the Mainstay of the Combat Development Process.

Contributes to Developing Standard Operating Procedures

- Coordinate Force / Unit Movements
- Passage of Lines Procedures
- Daily Reports Formats
- Rehearse Non-Combatant Evacuations



Current:

Argentina
Australia
Bosnia
Botswana
Canada
Croatia
Czech Republic
France

Germany
Greece
Jordan
Korea
Morocco
NATOC3A
New Zealand
Nigeria

Poland
Romania
Saudi Arabia
Singapore
Slovak Republic
Slovenia
Sweden
Turkey

Potential:

Belgium
Bulgaria
Chile
Colombia
Egypt
Hungary
Ireland
Mexico

Oman
Tunisia
Ukraine
Uruguay
Uzbekistan



Joint Simulation / Foreign Military Sales Activity

MOA between USJFCOM / JWFC, USASAC and PEO-STRI Signed 21 Jan 2001

- **Formal FMS Actions TO Date :**

- Canada	(CN-ZTO)	- Implemented Dec 01	(JCATS)
- Nigeria	(NI-UBA)	- Implemented Dec 01	(JCATS)
- Romania	(RO-UAS)	- Implemented Feb 02	(JCATS)
- Poland	(PL-UAL)	- Implemented May 02	(JTLS)
- Singapore	(SN-VCC)	- Implemented July 02	(JCATS)
- Slovenia	(S3-UAF)	- Implemented Sep02	(JTLS)
- Turkey	(TK-VAV)	- Implemented Sep02	(JCATS)
- Tunisia	(TU-URB)	- Pending	(JCATS)
- Greece	(GR-PMX)	- Planning Case	(JCATS)
- Colombia	(CO-PRH)	- Planning Case	(JCATS)
- Saudi Arabia	(SR-PRY)	- Planning Case	(JCATS)

- **Other Requests For Information:**

- Kuwait (JCATS)
- Bulgaria (JCATS/JTLS)
- Finland (JCATS)
- France (JCATS)
- Oman (JCATS/JTLS)
- Ukraine (JCATS)



(Establishes
STRICOM as
Surrogate
FMS Office for Joint
Simulations)



Coalition Training with Simulation



Argentina



Slovak Republic



Slovenia



Morocco



Croatia



Greece



Czech Republic



Jordan

