



*PROGRAM EXECUTIVE OFFICE FOR  
SIMULATION, TRAINING & INSTRUMENTATION*

# Delivering Simulation-based Training to the Soldier's Desktop

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Approved for Public Release.  
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**ITEC**  
2008  
DEFENCE • TRAINING • SIMULATION • EDUCATION

10-12 June 2008  
Stockholmsmässan  
Stockholm, Sweden  
[www.itec.co.uk](http://www.itec.co.uk)

# Scale of the Problem



## ➤ Army Size\*

❖ Regular Army:	507,082
❖ Army National Guard:	333,177
❖ <u>Army Reserve:</u>	<u>189,005</u>
❖ Total:	1,029,264

## ➤ How do you serve one million customers on their schedules?



- ❖ McDonalds does it (47 million/day)
- ❖ Google Search does it (130 million/day)
- ❖ World of Warcraft does it (675,000 /day)

## ➤ How can the Army do it with training?



## Top Sites English

Browse the most popular sites on the web. [Learn more.](#)

-  **Yahoo!**  
Personalized content and search options.  
pager.  
[www.yahoo.com](http://www.yahoo.com) - [Site Info](#)
-  **Microsoft Network (MSN)**  
Dialup access and content provider.  
[www.msn.com](http://www.msn.com) - [Site Info](#)

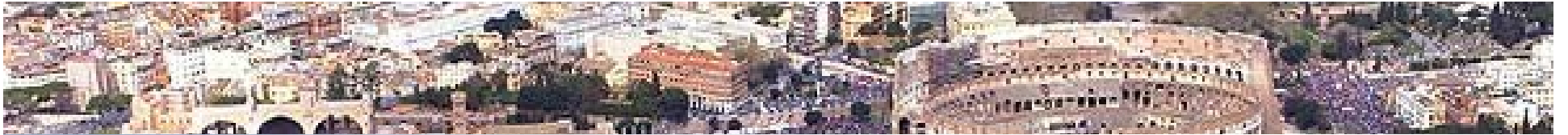
\*Numbers as of: Regular Army, 2007; ARNG & USAR, 2005



# Serving One Million Customers

- World of Warcraft
- Army Knowledge Online
- Yahoo Mail
- Google Search
- Facebook
- Cellular Telephones
- Skype
- Satellite Television
- AOL Instant Messenger







# Training One Million Soldiers

1,000,000 soldiers =

100 soldiers per event X 10,000 events each year

1,000 soldiers per event X 1,000 events each year

10,000 soldiers per event X 100 events each year





# U.S. Army Military Occupational Specialties

## Enlisted MOS

### Infantry Branch

11B Infantryman  
11C Indirect Fire Infantryman  
11X Infantryman (ambiguous; turns into 11B, 11C, or 11M)  
11Z Infantry Senior Sergeant  
11H Infantry Anti-Armor Specialist  
11M Mechanized Infantryman

### Field Artillery Branch

13B Cannon Crewmember  
13C TAC Fire Operations Specialist  
13D Field Artillery Tactical Data Systems Specialist  
13E Cannon Fire Direction Specialist  
13F Fire Support Specialist  
13M Multiple Launch Rocket System Crewmember  
13P MLRS/LANCE Operations Fire Directions Specialist  
13R Field Artillery Firefinder Radar Operator  
13S Field Artillery Surveyor  
13W Field Artillery Meteorological Crewmember  
13X Field Artillery Enlistment Option  
13Z Field Artillery Senior Sergeant

### Air Defense Artillery Branch

14E Patriot Fire Control Enhanced Operator/Maintainer  
14J Early Warning System Operator  
14M Man Portable Air Defense System Crewmember  
14R Bradley Linebacker Crewmember  
14S Avenger Crewmember  
14T PATRIOT Launching Station Enhanced Operator/Maintainer

14Z Air Defense Artillery (ADA) Senior Sergeant

### Aviation Branch

15B Aircraft Powerplant Repairer  
15D Aircraft Powertrain Repairer  
15F Aircraft Electrician  
15G Aircraft Structural Repairer  
15H Aircraft Pneumatic Repairer  
15J OH-58D Armament/Electrical/Avionics Systems Repairer  
15K Aircraft Components Repair Supervisor  
15M UH-1 Helicopter Repairer  
15N Avionics Mechanic  
15P Aviation Operations Specialist  
15Q Air Traffic Control Operator  
15R AH-64 Attack Helicopter Repairer  
15S OH-58D Helicopter Repairer  
15T UH-60 Helicopter Repairer  
15U Medium Helicopter Repairer  
15V Observation/Scout Helicopter Repairer  
15X AH-64 Armament/Electrical Systems Repairer  
15Y AH-64D Armament/ Electrical Systems Repairer  
15Z Aircraft Maintenance Senior Sergeant

### Special Forces Branch

18B Special Forces Weapons Sergeant  
18C Special Forces Engineer Sergeant  
18D Special Forces Medical Sergeant  
18E Special Forces Communications Sergeant  
18F Special Forces Assistant Operations & Intelligence Sergeant

### Armor Branch

19D Cavalry Scout  
19K Armor Crewmember  
19Z Armor Senior Sergeant  
**Corps of Engineers Branch**  
21B Combat Engineer (Formally 12B)  
21C Bridge Crewmember  
21D Diver  
21E Heavy Construction Equipment Operator  
21G Quarrying Specialist  
21H Construction Engineer  
21J General Construction Equipment Operator  
21K Plumber  
21L Lithographer  
21M Firefighter  
21N Construction Equipment Supervisor  
21P Prime Power Production Specialist  
21Q Transmission and Distribution Specialist  
21R Interior Electrician  
21S Topographic Surveyor  
21T Technical Engineering Specialist  
21U Topographic Analyst  
21V Concrete and Asphalt Equipment Operator  
21W Carpentry and Masonry Specialist  
21X General Engineering Supervisor  
21Y Topographic Engineering Supervisor  
21Z Combat Engineering Senior Sergeant

**Signal Corps Branch**  
25B Information Systems Operator Analyst (*to be renamed Information Technology Specialist in Oct'07*)  
25C Radio Operator Maintainer  
25D Telecommunications Operator/Maintainer (*to be deleted in Oct'07*)  
25F Network Switching Systems Operator/Maintainer  
25L Wire Systems Installer  
25M Multimedia Illustrator  
25N Nodal Network Systems Operator/Maintainer  
25P Microwave Systems Operator/Maintainer  
25Q Multichannel Transmission Systems Operator  
25R Visual Information/Audio Equipment Repairer  
25S Satellite Communication Systems Operator/Maintainer

25T Satellite/Microwave Systems Chief  
25U Signal Support Systems Specialist  
25V Combat Documentation & Production Specialist  
25W Telecommunications Operations Chief  
25X Senior Signal Sergeant  
25Y Information Systems Chief (*to be deleted in Oct'07*)  
25Z Visual Information Operations Chief

**Judge Advocate General Branch**  
27D Paralegal Specialist  
**Military Police Corps Branch**  
31B Military Police  
31D CID Special Agent  
31E Internment/Resettlement Specialist

### Military Intelligence Branch

33W (35T) MI Systems Maintainer/Integrator  
96B (35F) Intelligence Analyst  
96D (35G) Imagery Analyst  
96H (35H) Imagery Ground Station Operator  
96R (35H) Ground Surveillance Systems Operator  
96U (35K) Unmanned Aerial Vehicle Operator  
96Z (35X) Intelligence Senior Sergeant  
97B (35L) Counterintelligence Agent  
97E (35M) Human Intelligence Collector  
97L (35Q) Translator/Interpreter  
97Z (35Y) Counterintelligence/Human Intelligence Senior Sergeant  
98C (35N) Signal Intelligence Analyst (Linguist)  
98G (35P) Cryptologic Linguist  
98P (35U) Multi-Sensor Operator  
98Y (35S) Signals Collector/Analyst  
98Z (35Z) Signals Intelligence Senior Sergeant  
09L (35V) Translator Aide  
05h EW/SIGINT Morse Intercept Operator

### Psychological Operations Corps Branch

**Civil Affairs Branch**  
38B Civil Affairs Specialist  
**Adjutant General Branch**  
42A Human Resource Specialist  
42F Human Resource Systems Information Specialist  
42L Administration Specialist (*to be deleted*)  
42R9B Trumpet Player  
42R9C Baritone or Euphonium Player  
42R9D French Horn Player  
42R9E Trombone Player  
42R9F Tuba Player  
42R9G Flute or Piccolo Player  
42R9H Oboe Player  
42R9J Clarinet Player  
42R9K Bassoon Player  
42R9L Saxophone Player  
42R9M Percussion Player  
42R9N Piano Player  
42R9T Guitar Player  
42R9U Electric Bass Guitar Player  
42S Special Band member

**Finance Branch**  
44C Finance Specialist/Accounting Specialist  
**Public Affairs Branch**  
46Q Public Affairs Specialist  
46R Broadcast Journalist  
46Z Public Affairs Chief  
**Chaplain Branch**  
56M Chaplain Assistant

### CMF 63 - Mechanical Maintenance

44B Metal Worker  
44E Machinist  
45B Small Arms/Artillery Repairer  
45G Fire Control Repairer  
45K Armament Repairer  
52C Utilities Equipment Repairer  
52D Power Generation Equipment Repairer  
62B Construction Equipment Repairer  
63A M1 Abrams Tank Turret Mechanic/M1 Abrams Tank System Mechanic  
63B Light-Wheel Vehicle Mechanic/Heavy Wheel Vehicle Mechanic/Wheel Vehicle Repairer  
63D Artillery Mechanic  
63H Fuel and Electrical Repairer/Track Vehicle Mechanic  
63J Quartermaster and Chemical Equipment Repairer  
63M M2-3 Bradley Fighting Vehicle System Mechanic/Bradley Fighting Vehicle Systems Turret Mechanic  
63X Track Vehicle Repairer  
63W All Wheel Vehicle Repairer  
63Z Mechanical Maintenance Supervisor

### Medical Department Branches

68A Medical Equipment Repairer  
68D Operating Room Specialist  
68E Dental Specialist  
68G Patient Administration Specialist  
68H Optical Laboratory Specialist  
68J Medical Logistic Specialist  
68K Medical Laboratory Specialist  
68M Hospital Food Specialist  
68P Radiology Specialist  
68Q Pharmacy Specialist  
68R Veterinary Food Inspection Specialist  
68S Preventive Medicine Specialist  
68T Animal Care Specialist  
68V Respiratory Specialist  
68W Health Care Specialist (aka Combat Medic)  
68X Mental Health Specialist  
68Z Chief Medical NCO

### Chemical Branch

74D Chemical Operations Specialist (formerly 54B)

### CMF 79 - Recruiting and Retention

79R Recruiter Noncommissioned Officer  
79S Career Counselor  
79T Recruiting and Retention NCO  
79V Retention and Transition Noncommissioned Officer  
**Transportation Branch**  
88H Cargo Specialist  
88K Watercraft Operator  
88L Watercraft Engineer  
88M Motor Transport Operator  
88N Traffic Management Coordinator  
88P Railway Equipment Repairer  
88T Railway Section Repairer  
88U Railway Operations Crewmember  
88Z Transportation Senior Sergeant

### Ordnance Branch

89B Ammunition Specialist  
89D Explosive Ordnance Disposal Specialist  
**Quartermaster Corps Branch**  
92A Automated Logistical Specialist  
92F Petroleum Supply Specialist  
92G Food Service Specialist  
92L Petroleum Laboratory Specialist  
92M Mortuary Affairs Specialist  
92R Parachute Rigger  
92S Shower/Laundry and Clothing Repair Specialist  
92W Water Treatment Specialist  
92Y Unit Supply Specialist  
92Z Senior Noncommissioned Logistician

### CMF 94 - Electronic Maintenance

94A Land Combat Electronic Missile System Repairer  
94D Air Traffic Control Equipment Repairer  
94E Radio and Communications Security Repairer  
94F Special Electronics Devices Repairer  
94H Test, Measurement & Diagnostic Equipment Support Specialist  
94K Automatic Test Equipment Operator/Maintainer  
94L Avionics Communications Equipment Repairer  
94M Radar Repairer  
94P Multiple Launch Rocket System Repairer  
94R Avionics System Repairer  
94S Patriot System Repairer  
94T Avenger System Repairer  
94W Electronic Maintenance Chief  
94Y Integrated Family of Test Equipment  
94Z Senior Electronic Maintenance Chief  
**Branch Immaterial (not oriented to a branch)**  
00Z Command Sergeant Major

**Commissioned Officer & Warrant Officer MOS**  
Officer MOS's are usually two numerical digits plus a letter (most of the time "alpha"). Letterless MOS's are ambiguous and have several specific MOS's within the E.g. 62 contains 62A (Emergency Physician) and 62B (Field Surgeon).

Warrant Officer MOS's (known as WOMOS) are three numerical digits plus a letter, except 09W who is not y WO.

### Officer Candidates

09R Cadet  
09S Officer Candidate  
09W Warrant Officer Candidate

### Infantry Branch

11A Infantry Officer  
**Field Artillery Branch**  
13A Field Artillery Officer  
131A Field Artillery Targeting Technician  
**Air Defense Artillery Branch**  
14 Air Defense Artillery Officer  
140A Command and Control Systems Technician  
140E Air and Missile Defense (AMD) Tactician/Technician (Patriot Systems Technician)  
140X Air Defense Artillery (ADA) Immaterial



# U.S. Army Military Occupational Specialties

## Aviation Branch

15 Aviation Officer  
 150A Air Traffic and Air Space Management Technician  
 150U Tactical Unmanned Aerial Vehicle (UAV) Operations Technician (still classified at 350K until official transfer to Aviation Branch)  
 151A Aviation Maintenance Technician  
 152C OH-6 Pilot  
 152B OH-58A/C Pilot  
 152D OH-58D Pilot  
 152F AH-64A Pilot  
 152H AH-64D Pilot  
 153A Rotary Wing Aviator (Aircraft Nonspecific)  
 153B UH-1 Pilot  
 153D UH-60 Pilot  
 153DD UH-60 MEDEVAC Pilot  
 153E MH-60 Pilot  
 154C CH-47D Pilot  
 154E MH-47 Pilot  
 155A Fixed Wing Aviator (Aircraft Nonspecific)  
 155E C-12 Pilot  
 155F Jet Aircraft Pilot  
 155G O-5A/EO-5B/RC-7 Pilot

## Special Forces Branch

18A Special Forces Officer  
 180A Special Forces Warrant Officer

## Armor Branch

19A Armor, General  
 19B Armor  
 19C Cavalry

## Corps of Engineers Branch

21A Engineer Officer  
 210A Utilities Operation and Maintenance Technician  
 215D Geospatial Information Technician (Old - Terrain Analysis Technician)

## Signal Corps Branch

25A Signal Officer  
 250N Network Management Technician  
 251A Information Systems Technician  
 254A Signal Systems Support Technician  
 255Z Senior Signal Systems Technician

## Judge Advocate General Branch

27A JAG Corps Attorney  
 27B Military Judge  
 270A Legal Administrator

## Military Police Corps Branch

31A Military Police Officer  
 311A CID Special Agent

## Military Intelligence Branch

35D Military Intelligence Officer  
 350F All Source Intelligence Technician  
 350G Imagery Intelligence Technician  
 350Z Attaché Technician  
 350K (150U) Tactical Unmanned Aerial Vehicle Operations (*transferring to Aviation Branch in Summer 07*)  
 351L Counterintelligence Technician  
 351M Human Intelligence Collection Technician  
 351Y Area Intelligence Technician  
 352N Traffic Analysis Technician  
 352P Voice Intercept Technician  
 352Q Morse Intercept Technician  
 352R Emanations Analysis Technician  
 352S Non Morse Intercept Technician  
 353T Intelligence and Electronic Warfare Technician

## Psychological Operations Corps Branch

37A Psychological Operations Officer  
 37X Psychological Operations Officer, Designated

## Civil Affairs Branch

38A Civil Affairs Officer  
 38X Civil Affairs Officer, Designated

## Adjutant General Branch

42B Personnel Systems Management Officer

## Band Branch

42C Band Officer  
 420A Military Personnel Technician  
 420C Bandmaster

## Finance Branch

44A Finance Officer

## Chaplain Branch

56 Chaplain  
 56A Command and Unit Chaplain  
 56D Clinical Pastoral Educator

## Medical Department Branches

60A OPERATIONAL MEDICINE  
 60B NUCLEAR MEDICINE OFFICER  
 60C PREVENTIVE MEDICINE OFFICER  
 60D OCCUPATIONAL MEDICINE OFFICER  
 60F PULMONARY DISEASE/CRITICAL CARE OFFICER  
 60G GASTROENTEROLOGIST  
 60H CARDIOLOGIST  
 60J OBSTETRICIAN AND GYNECOLOGIST  
 60K UROLOGIST  
 60L DERMATOLOGIST  
 60M ALLERGIST, CLINICAL IMMUNOLOGIST  
 60N ANESTHESIOLOGIST  
 60P PEDIATRICIAN  
 60Q PEDIATRIC SUB-SPECIALIST  
 60R CHILD NEUROLOGIST  
 60S OPHTHALMOLOGIST  
 60T OTOLARYNGOLOGIST  
 60U CHILD PSYCHIATRIST  
 60V NEUROLOGIST  
 60W PSYCHIATRIST

61A NEPHROLOGIST  
 61B MEDICAL ONCOLOGIST/HEMATOLOGIST  
 61C ENDOCRINOLOGIST  
 61D RHEUMATOLOGIST  
 61E CLINICAL PHARMACOLOGIST  
 61F INTERNIST  
 61G INFECTIOUS DISEASE OFFICER  
 61H FAMILY MEDICINE  
 61J GENERAL SURGEON  
 61K THORACIC SURGEON  
 61L PLASTIC SURGEON  
 61M ORTHOPEDIC SURGEON  
 61N FLIGHT SURGEON  
 61P PHYSIATRIST  
 61Q RADIATION ONCOLOGIST  
 61R DIAGNOSTIC RADIOLOGIST  
 61U PATHOLOGIST  
 61W PERIPHERAL VASCULAR SURGEON  
 61Z NEUROSURGEON  
 62 Medical Corps Officer

62A Emergency Physician  
 62B Field Surgeon

## Dental Corps Officer

63A General Dentist  
 63B Comprehensive Dentist  
 63D Periodontist  
 63E Endodontist  
 63F Prosthodontist  
 63H Public Health Dentist  
 63K Pediatric Dentist  
 63M Orthodontist  
 63N Oral and Maxillofacial Surgeon  
 63P Oral Pathologist  
 63R Executive Dentist

## Veterinary Corps Officer

64A Veterinary Services Food Safety Technician  
 65 Medical Specialist Corps Officer

65A Occupational Therapy  
 65B Physical Therapy  
 65C Dietitian  
 65D Physician Assistant  
 65X Specialist Allied Operations

## Nurse Corps Officer

66B Community Health Nurse  
 66C Psychiatric/Mental Health Nurse  
 66E Perioperative Nurse  
 66F Nurse Anesthetist  
 66G Obstetrics and Gyneco  
 66H Medical-Surgical Nurse  
 66N Generalist Nurse  
 66P Family Nurse Practitioner

## Medical Service Corps Officer

67A Health Services  
 67B Laboratory Sciences  
 67C Preventive Medicine Sciences  
 67D Behavioral Sciences  
 67E Pharmacy  
 67F Optometry  
 67G Podiatry  
 67J Aeromedical Evacuation

## Health Services Maintenance Technician

70A Healthcare Administrator  
 70B Health Services Officer  
 70C Comptroller  
 70D Information Systems Manager  
 70E Patient Administrator  
 70F Human Resources Manager  
 70H Plans, Operations, Intelligence Training, and Security  
 70K Medical Logistics  
 70K9I Health Facilities Management

## Chemical Branch

74A Chemical, General  
 74B Chemical Operations and Training  
 74C Chemical Munitions and Materiel Management

## Transportation Branch

88A Transportation Officer  
 88D Transportation Officer - Motor/Rail  
 880A Marine Deck Officer  
 881A Marine Engineering Officer  
 882A Mobility Officer

## Ordnance Branch

91A Ordnance Officer  
 890A Ammunition Technician  
 913A Armament Systems Maintenance Technician  
 914A Allied Trades Technician  
 915A Automotive Maintenance Technician  
 915E Senior Automotive Maintenance/Senior Ordnance Logistics Officer  
 919A Engineer Equipment Maintenance Technician

## Quartermaster Corps Branch

92A Quartermaster Officer  
 920A Property Accounting Technician  
 920B Supply Systems Technician  
 921A Airdrop Systems Technician  
 922A Food Service Technician  
 923A Petroleum Systems Technician

## CME 94 - Electronic Maintenance

948B Electronic Systems Maintenance Technician  
 948D Electronic Missile Systems Maintenance Technician  
 948E Senior Electronics Maintenance Technician

# IT Service Characteristics



- Professionally Managed
- Customer Oriented
- 24/7 Access
- Globally Accessible
- Facility, Geography, and Time Independent
- Light Clients, Remote Updates
- Controlled Access







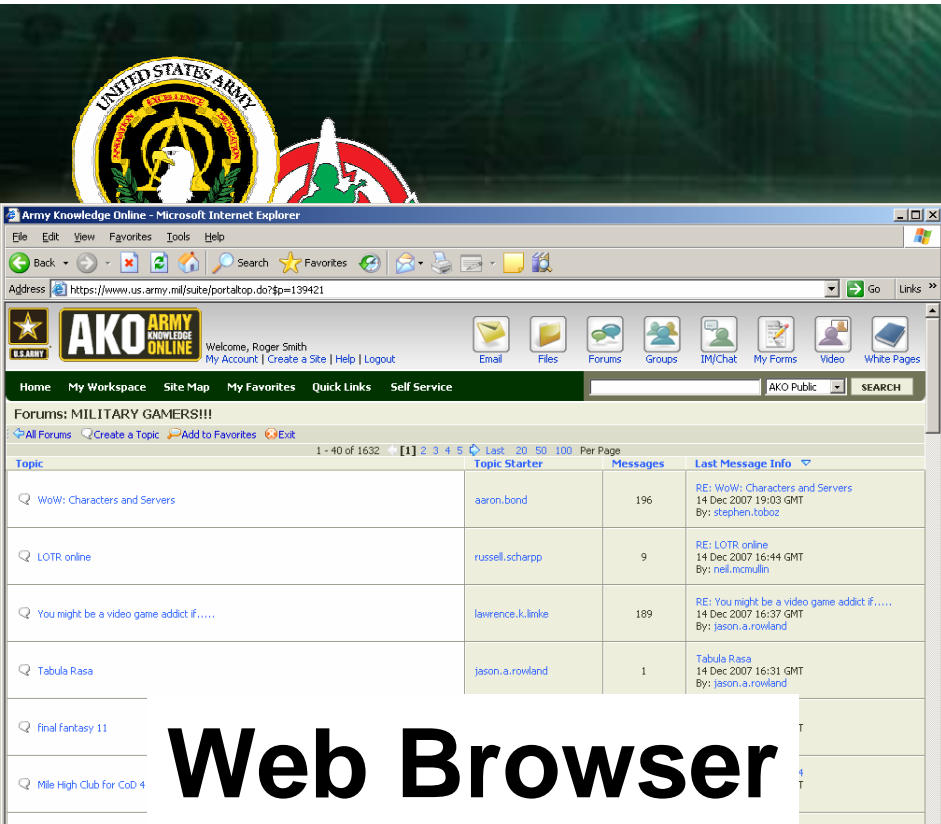
# Sim Products Characteristics

- Heavyweight computer hardware
- Dedicated computer networks
- Tightly integrated Client/Server software
- Large local support staff
- One-to-one relationships between hardware, software, staffing, and the simulation event.



(DEFENSE DEPT.)

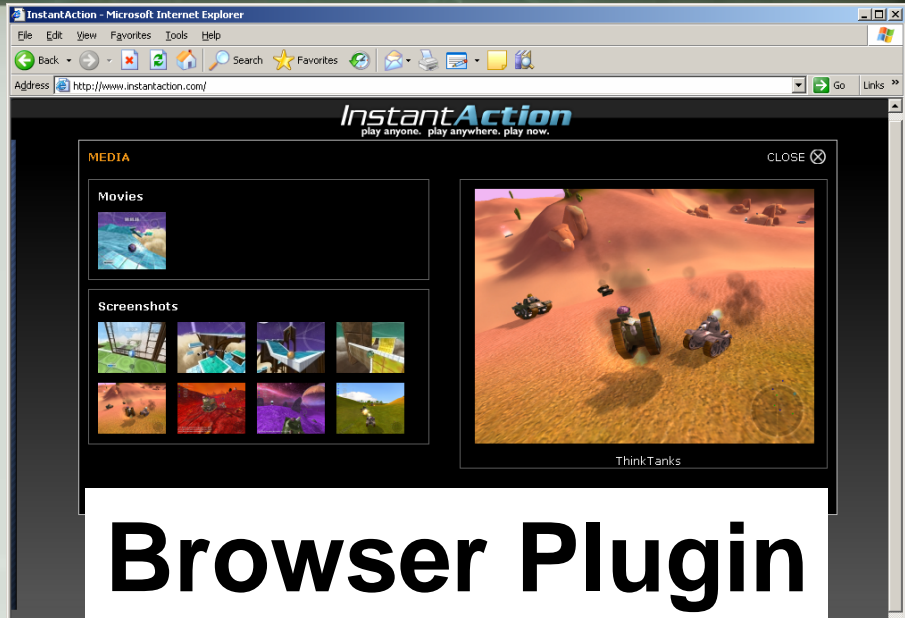
# Desktop Client Options



The screenshot shows the Army Knowledge Online (AKO) website in a Microsoft Internet Explorer browser. The page features the United States Army logo and a navigation menu with options like Home, My Workspace, Site Map, My Favorites, Quick Links, and Self Service. A forum section titled "Forums: MILITARY GAMERS!!!" is visible, listing various topics such as "WoW: Characters and Servers", "LOTR online", and "You might be a video game addict f.....".

Topic	Topic Starter	Messages	Last Message Info
WoW: Characters and Servers	aaron.bond	196	RE: WoW: Characters and Servers 14 Dec 2007 19:03 GMT By: stephen.toboz
LOTR online	russell.schapp	9	RE: LOTR online 14 Dec 2007 16:44 GMT By: neil.mcmullin
You might be a video game addict f.....	lawrence.k.linke	189	RE: You might be a video game addict f..... 14 Dec 2007 16:37 GMT By: jason.a.rowland
Tabula Rasa	jason.a.rowland	1	Tabula Rasa 14 Dec 2007 16:31 GMT By: jason.a.rowland
final Fantasy 11			
Mile High Club for CoD 4			

**Web Browser**



The screenshot shows the InstantAction browser plugin interface. It features a "MEDIA" section with "Movies" and "Screenshots" sub-sections. A large image of a tank in a desert environment is displayed, with the text "ThinkTanks" below it. The interface includes a search bar and navigation buttons.

**Browser Plugin**



The screenshot shows a top-down view of a military game map. The map is populated with various vehicle units, including Abrams tanks, Bradley fighting vehicles, and M1 Abrams tanks. The units are labeled with alphanumeric codes such as "Abrams-6", "Bradley-10", "M1 Abrams-1", and "Bradley-3". The map also shows terrain, roads, and a compass rose.

**Driver**



The screenshot shows a first-person view from a military game. The player is inside a tank, looking out through the turret. The tank is positioned in a city street, and the player is engaged in combat with enemy soldiers. The scene is lit with dramatic lighting, highlighting the tank and the surrounding environment.

**Full App**



# Client Operations

Visual Presentation

- Maps, 3D, HTML, Tables
- Overlays

Behavior Representation

- Client-side Actions
- Models

Client Application

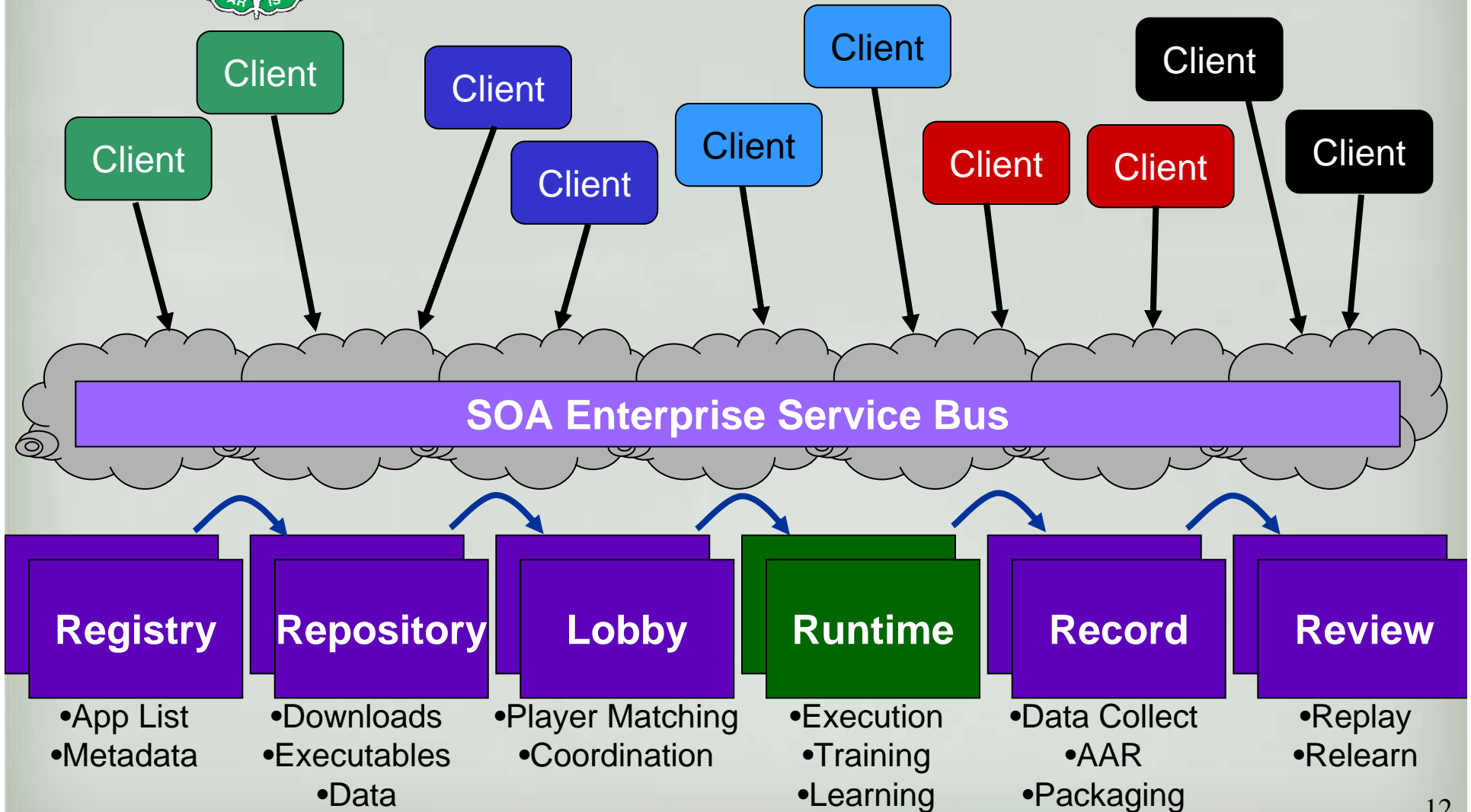
- Navigation, Identification
- Loading Data

Network Communication

- Multi-player Collaboration
- Server-based Scoring



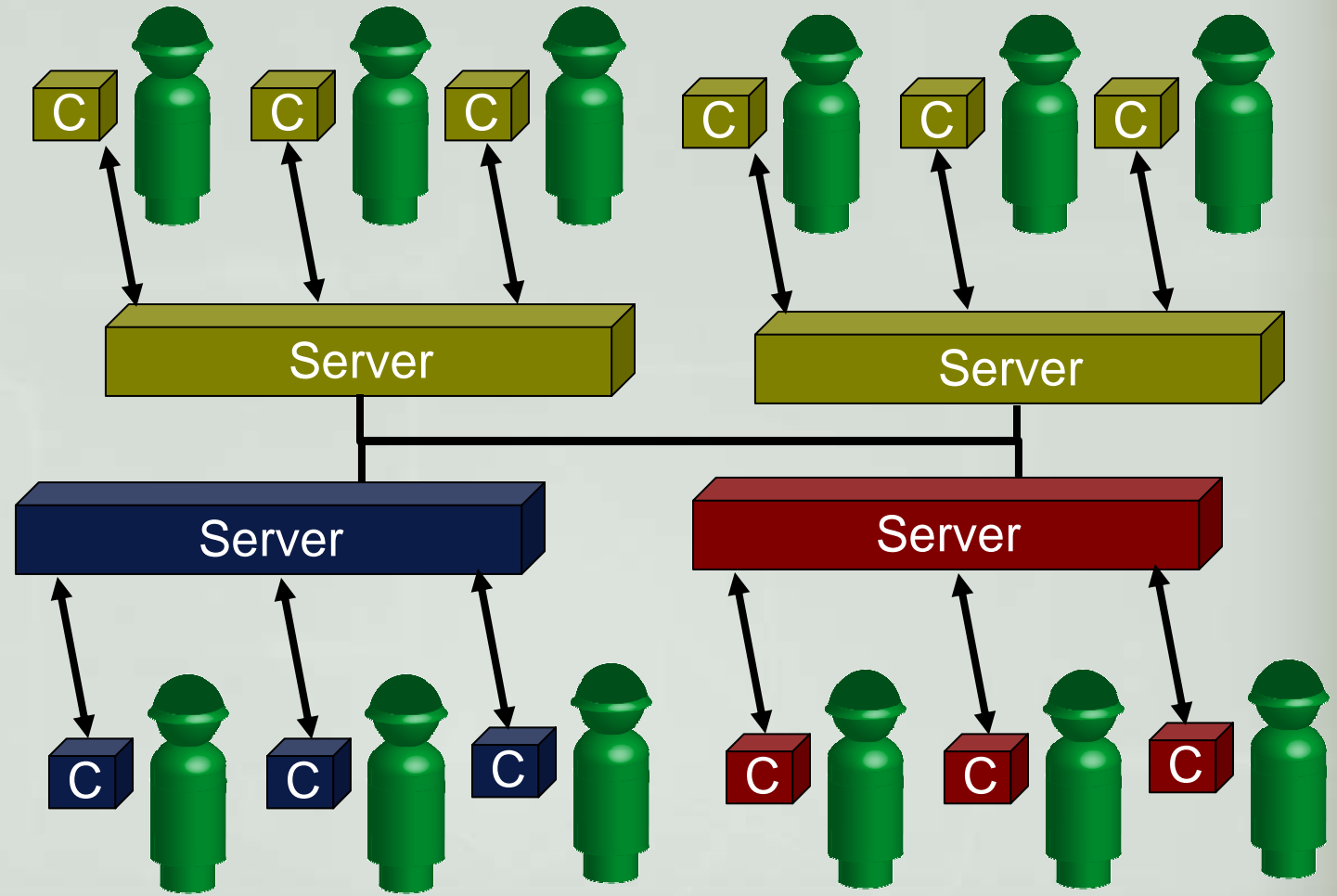
# Customer-focused Training





# Use Cases

1. Lone Player
2. Player w/ Server
3. Multi-player / Multi-server
4. Multi-Event





# SOA-based Simulation Services

- Scalable Simulation Services provided on the customers' schedule
- Break the 1-to-1 relationship between equipment and events
- Light simulation client as an application on IT Desktop or C4I system
- Evolving Services
- Service Global Customers
  - ❖ Units in Country, Homestation, National Guard



[Commercial SOA Diagram]



# Army Training Online



Army Knowledge Online - Microsoft Internet Explorer

File Edit View Favorites Tools Help



Address <https://www.us.army.mil/suite/portaltop.do?&p=139421>



Welcome, Roger Smith  
[My Account](#) | [Create a Site](#) | [Help](#) | [Logout](#)



Home My Workspace Site Map My Favorites Quick Links Self Service

## Forums: MILITARY GAMERS!!!

[All Forums](#) [Create a Topic](#) [Add to Favorites](#)

### Topic

[WoW: Characters and Servers](#)

[LOTR online](#)

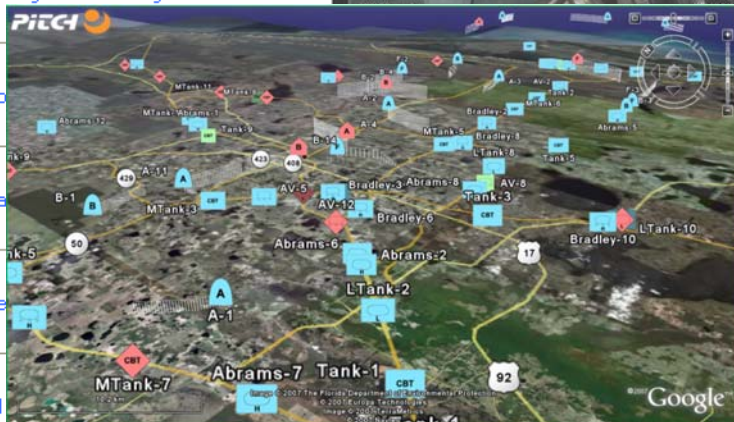
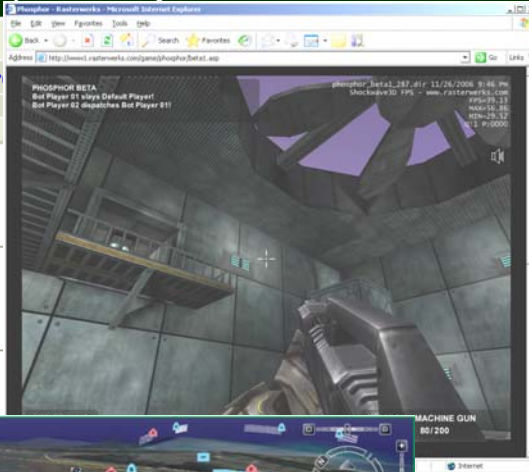
[You might be a video game addict if ...](#)

[Tab](#)

[fine](#)

[Mile](#)

[call](#)



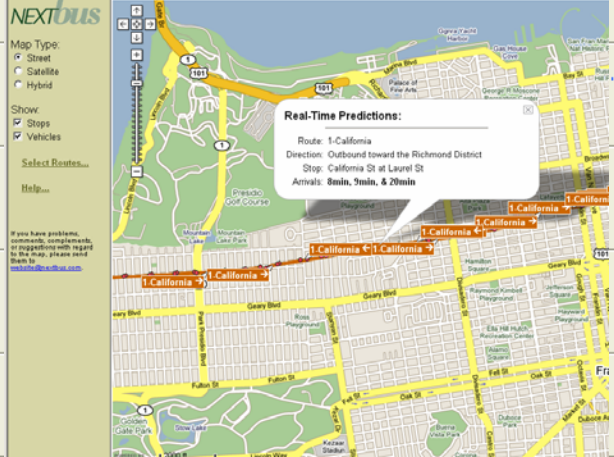
[jason.a.rowland](#)

[gary.w.hinton](#)

[dustin.ducote](#)

[michael.sinka](#)

ter	Messages	Last Message Info
	196	RE: WoW: Characters and Servers 14 Dec 2007 19:03 GMT By: <a href="#">stephen.toboz</a>
pp	9	RE: LOTR online 14 Dec 2007 16:44 GMT



	45	RE: call of duty 4- who plays on PC? 14 Dec 2007 15:53 GMT By: <a href="#">dustin.ducote</a>
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Done

Trusted sites



## ➤ Military IT Infrastructure

- ❖ Security configurations vary by organization and by day
- ❖ Apps cannot be guaranteed to work from any node in the IT network

## ➤ Ownership of Training Applications

- ❖ Military apps have typically fallen into at least 3 major camps: Business, Mission, Training
- ❖ Each have their own separate networks
- ❖ Running a Training app across the Business infrastructure raises a number of supportability and contracting questions