



# Naval-Industry R&D Partnership Conference Pre-Conference Workshop RAI-NC T&E WEBLOG Pilot Project

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# T&E Blog RAI-NC Pilot

- Pilot Summary
  - Using COTS weblog technology, quickly deploy a weblog for the Test and Evaluation process that provides an instant communication hub that works like the web.
- Goals/Objectives
  - Reduction of costs associated with Test and Evaluation.
  - Improved Situational Awareness.
- Deliverables
  - Weblog tools and processes that can be incorporated in the PM Course at DAU.
- Metrics
  - Comparison of coordination costs allocated to T&E functions such as test planning, test conduct, test reporting, and problem documentation and correction.
  - Problem avoidance due to more accurate and timely information.
  - Significant bandwidth and storage reductions.

# ***What's an Enterprise Weblog?***

# Personal Weblogs

Designed for “Individuals with an Attitude”

One voice per weblog

- Write what you think - easily
- Add notes using your browser
- Weblog server shows notes in time order
- Anyone with a web browser can read
- Links from other weblogs and search engines can make you famous!

# Enterprise Weblogs

Designed for “Groups with a Goal”

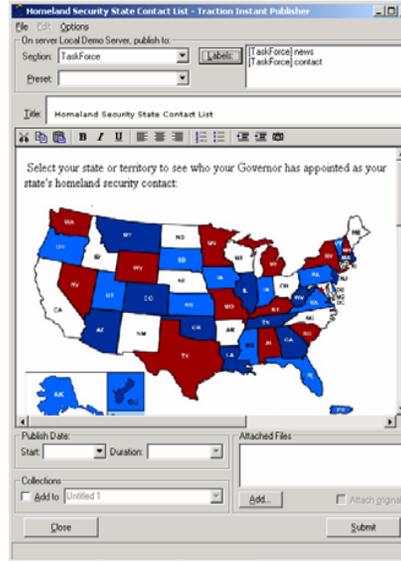
Traction’s unique Journal supports working communication and information sharing, in context, over time.

- **Organized by Group, Importance, Topic, Time**
  - Project spaces have permissions, more private vs. more public
  - Individuals see union of all activity, based on permissions
- **Overlapping Content**
  - Single article can appear in multiple projects
  - Comment on public article can appear in private project
- **Always up to date**
  - All views are dynamic
  - Search results are current and obey permissions
  - Can deliver immediate notification of important events
- **Quick and easy to deploy, Simple to use**

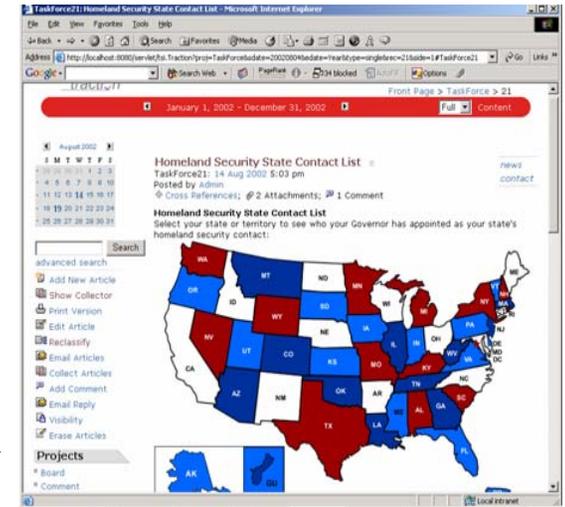
# Capture & Publish



Select



Capture / Edit via  
Instant Publisher



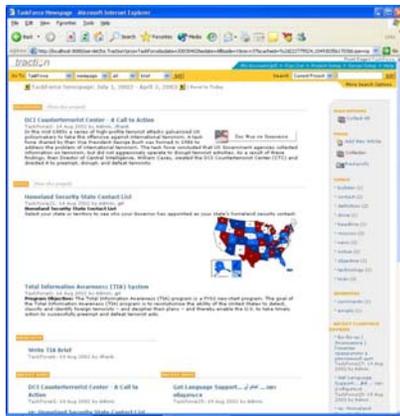
Publish to Traction

Content can come from any source:

- Clip from browser, email or Word
- Post IM Sessions
- Write meeting notes & attach files

- Email into Traction
- Post using SOAP, XML-RPC or HTML form
- For example: post incoming message stream

# Traction Skins deliver the same content using different web templates or XML feeds (RSS)





# Department of Defense Examples

- Intelligence – Analyst notebooks
- Program Management – PMO Weblog
- Ops log – With link to Watch Center

# ***Enterprise Weblog as a Program Management Tool***

# *Situational Awareness*

Executive Summary and RSS Aggregator give the PM a pulse on project activities, without labor intensive manual report generation.



**Executive Summary** – A daily snapshot of new project information, automatically compiled and delivered through email

**RSS Aggregator** – A locally installed applications that surveys the weblog at 15 minute intervals and alerts when new information becomes available

# *Direct Access to Project Information*

- The PM is a click away from accessing the latest snapshots of program information. Hyperlinks to the weblog space are dynamic, delivering the latest content and updates autonomously.

- Action Items

- Project Deliverables

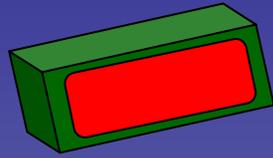
- Expenditures

- Project Documents

- Communications (both formal and informal)

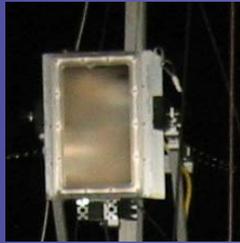
# The Liberty Project

Commercial  
Technology



*Ford Laser Night Vision*

Deployable  
Prototype



Engineering and Integration Support  
forward the technology into application  
specific systems

Point of  
Application  
Testing



Accelerated  
T&E Data  
Collection

Weblog software enables a virtual test team of  
geographically & organizationally dispersed partners,  
accelerating the T&E Process.

# Perspective of the Test Partner

## G8 Summit Use Case and Highlights

The screenshot shows a web application interface with a dark blue background. At the top, it says 'Front Page > NightVision > 187'. On the right, there is an 'advanced search' box with a 'Search' button. Below that is a calendar for 'AUGUST 2004'. A vertical sidebar on the left contains navigation links: 'Front Page', 'NightVision', 'News', 'Test Results', 'Recent Entries', 'Bulletins', and 'Labels'. The main content area features an article titled 'Laser Night Vision as a force multiplier' with a sub-header 'Analysis news test results'. The article text discusses threats at the G-8 Summit and the use of a laser night vision system. Below the article is an 'Article Comments' section with a comment from Greg Lloyd and a 'Post Comment' button. On the right side of the article, there is a list of actions like 'Add New Article', 'Print Version', etc., and a 'Shortcuts' section with various project links. At the bottom, there is a status bar with an 'Internet' icon.

Front Page > NightVision > 187

advanced search

Show Full content

**Front Page**

**NightVision**

News  
Test Results  
Recent Entries  
Bulletins  
Labels

### Laser Night Vision as a force multiplier

Analysis news test results

NightVision187 (#) | TrackBack | July 19, 2004 | 6:39:08 PM EDT  
Posted and Edited by Capt. Jeffrey Schneider | View edit history  
Cross References | 1 Comment

During the G-8 Summit, we faced two types of threats. The first was a domestic based group who wanted to disrupt the G-8 Summit activities and gain media coverage. The second was from multi-national groups who have ties to terrorist groups that had a goal of undermining the summit by conducting an attack(s) in which they targeted large group of people. Since the attacker holds the advantage of attacking at the time and place of their choosing the security elements are always at a disadvantage. 01

This fact is why Laser Night Vision was so important to our security of the main industrial areas of the Greater Savannah area. With a Laser coaxial mounted to a low light camera we were able to observe area which where in low light areas such as roof tops, open areas, water fronts, and ally way were all able to be observed. 02

The laser Night Vision System is truly flexible, it was able to be hastily installed to a M998 (HUMVEE) quickly and use the available power of the vehicle. The Laser Night Vision Systems is a low cost and highly flexible system which will fill the gap between passive night vision (for purely tactic use) and extreme active illumination such as white light (spot lights). Bottom Line, Laser Night Vision allowed me as a commander to complete my mission with the greatest of flexibility. 03

**Article Comments:**

ref: NightVision63: G8 Summit Deployment, Day 1 , NightVision80: G8 Summit, Day 5 - Field test of night vision systems, NightVision130: Feedback from Georgia State Patrol at the G8 Summit  
[Greg Lloyd, NightVision191, July 19, 2004, 8:01:55 PM EDT]

Post Comment in the project NightVision

Internet

# T&E Weblog Demonstration

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