

DATA INTEGRATION AND CORRELATION ENVIRONMENT (DICE)

TECHNICAL INSTRUCTION (TI) - DRAFT

Issue Date of TI	22 February 2010
Revision Date of TI	
TI No.	TI-4523-0012
Contract No.	N00178-05-D-4523
Task Order No.	FC01
Government Agency	NSWC Crane
Vendor	Referentia Systems, Inc.
Vendor POC	Kevin Jordan, cell - 808-294-0813 or 808-477-8265 kjordan@referentia.com
Human Capital Checklist Approval Number	N/A
Task Description	<p>Contractor shall furnish all labor, material, and facilities necessary to accomplish tasks.</p> <p><u>Program Management:</u> Contractor shall provide program management necessary to accomplish tasks described in this TI. Contractor shall plan, coordinate, and manage programmatic reviews, prepare all necessary documentation and support scheduled and requested document reviews, as defined in the CDRLs list. Contractor shall attend conferences to maintain awareness of state-of-the-art technology.</p> <p><u>Develop a Cyber Sensor Data Collection Prototype System:</u> During the first phase of the program, Contractor shall focus on the setup of the data collection environment, coordination, and collection of network data associated with network sensors planned for deployment during Terminal Fury 2010; capture and store Terminal Fury 2010 sensor data, including baseline data (i.e., normal network traffic), and cyber exercises' data (i.e., abnormal network traffic associated with cyber exercises), and red teams' logs (i.e., ground truth with actions and associated times to support future analysis of data).</p> <p>The Government will gather, collect, and provide approvals for any data required for this effort.</p> <p>Task Deliverable:</p> <ol style="list-style-type: none">a) Contractor shall deliver a report describing the data collection efforts and results, including the type, volume, and timing of data collected.

	<p>Enhanced Network Situational Awareness: Contractor shall enhance the LiveAction network management tool to add IPv6 traffic visualization, visibility, visual event correlation, and network device enumeration.</p> <p>Task Deliverable:</p> <ul style="list-style-type: none"> a) Contractor shall deliver an upgraded LiveAction tool license encompassing the enhancements targeted in the above description. b) Contractor shall deliver data sets for the three phases of the experiment (two live network phases and range phase).
GFI, GFE, GFM	Government will supply, as necessary, access to data collectors (sensors and ground truth). Government will supply GFE/GFI that is identified during the requirements gathering phases of the work described herein, including Government data relevant to the task.
Duty Location	Contractor Facility, Honolulu, HI USPACOM Camp Smith, Aiea, HI SPAWAR Demonstration facility in Pearl City, HI
Temporary Duty/Travel Requirements	Honolulu, HI to Washington, DC 3 trips, 5 days, 1 person. New York to Honolulu, HI, 4 trips, 5 days, 1 person.
SLIN Number(s)	1200 and 3200
Performance of Period	Period of performance shall be from the start of the contract through 31 December 2010.
Data Deliverable(s)	<p>All data deliverables shall be submitted electronically to: amy.haworth.ctr@navy.mil</p> <p>Following CDRLs shall be provided and submitted as described below. Indicate on the cover of all delivered data the contract number and contract title. Contractor shall deliver electronic copies via e-mail in Microsoft Office products or in Adobe PDF format. Subject block shall contain contract number, task order number, CDRL title, and CDRL number.</p> <ol style="list-style-type: none"> 1. Status Report A002 - Monthly 2. Trip Reports A010 - Three days after trip completion 3. Funds and Man-hour Expenditure Report B001 - Monthly 4. Plan of Action and Milestones (POAM) 5. Technical Report /Final Report and Demonstration 6. OPSEC Plan <p>All deliverables will be at the Secret or below level.</p>
Security Classification	IAW Paragraph 6.3 of basic Task Order. SECRET
Hazard & Safety Information	IAW Paragraph 6.9 of basic Task Order.

Requiring Technical Activity (RTA)	Jim Epple, 812-854-2308, james.epple@navy.mil
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