

COMMAND

Chief of Signal
MG LaWarren V. Patterson

Regimental Chief Warrant Officer
CW5 Todd M. Boudreau

Regimental Command Sergeant Major
CSM Ronald S. Pflieger

EDITORIAL STAFF

Editor-in-Chief
Larry Edmond

Art Director/Illustrator
Billy Cheney

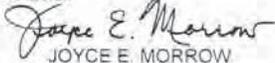
Photography
Billy Cheney, Marlene Thompson, Nick Spinelli,
Cotton Puryear

By Order of the Secretary of the Army

Raymond T. Odierno

General, United States Army
Chief of Staff

Official:



JOYCE E. MORROW
Administrative Assistant to the
Secretary of the Army

Authorization 1224009

Army Communicator (ISSN 0362-5745) (USPS 305-470) is published quarterly by the U.S. Army Signal Center, of Excellence at Signal Towers (Building 29808), Room 713 Fort Gordon, Ga. 30905-5301. Periodicals postage paid by Department of the Army (DOD 314) at Augusta, Ga. 30901 and additional mailing offices.

POSTMASTER: Send address changes to **Army Communicator**, U.S. Army Signal Center of Excellence, Signal Towers (Building 29808), Room 713, Fort Gordon, Ga. 30905-5301.

OFFICIAL DISTRIBUTION: **Army Communicator** is available to all Signal and Signal-related units, including staff agencies and service schools. Written requests for the magazine should be submitted to Editor, **Army Communicator**, U.S. Army Signal Center of Excellence, Signal Towers (Building 29808), Room 713, Fort Gordon, Ga. 30905-5301.

This publication presents professional information, but the views expressed herein are those of the authors, not the Department of Defense or its elements. The content does not necessarily reflect the official U.S. Army position and does not change or supersede any information in other official U.S. Army publications. Use of news items constitutes neither affirmation of their accuracy nor product endorsement.

Army Communicator reserves the right to edit material.

CORRESPONDENCE: Address all correspondence to **Army Communicator**, U.S. Army Signal Center of Excellence and Fort Gordon, Signal Towers (Building 29808), Room 713, Fort Gordon, Ga. 30905-5301. Telephone DSN 780-7204 or commercial (706) 791-7204. Fax number (706) 791-3917.

Unless otherwise stated, material does not represent official policy, thinking, or endorsement by an agency of the U.S. Army. This publication contains no advertising. U.S. Government Printing Office: 1984-746-045/1429-S.

Army Communicator is not a copyrighted publication. Individual author's copyrights can be protected by special arrangement. Acceptance by **Army Communicator** conveys the right for subsequent reproduction and use of published material. Credit should be given to **Army Communicator**.

ARMY COMMUNICATOR

Voice of the Signal Regiment

Table of Contents

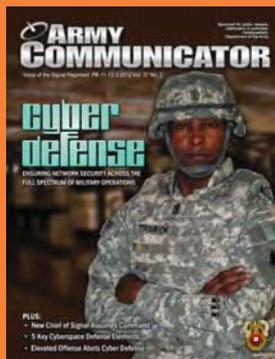
Features

- | | | | |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------------------------------------------------------|
| 3 | Cyberspace Doctrine Update | 34 | Citizen Soldiers defending cyberspace
MAJ Aaron Munn
John Galeotos |
| 4 | Chief of Signal Command changes
Wilson A. Rivera | | |
| 6 | Signaleer assumes four-star Command | 37 | Redefining Information Assurance compliance
LTC Christopher Quick |
| 7 | Operating on unconventional terrain
 LTC Michael Lanham | 40 | Certification hits the Jackpot
LTC Jan Norris
ILT Natasha K. Pennyfeather |
| 13 | NetOps here we come
CW5 Todd M. Boudreau | 42 | Configuring battalion file servers
CPT Matthew Sherburne |
| 15 | Studying Computing Offense
 MAJ T. J. O'Connor
CPT Ryan Hand
CW3 Matt McDougall | 44 | Signal classrooms embracing high technology tools
Nick Spinelli |
| 19 | Combined Arms Approach to network defense
Russell Fenton | 49 | Get the latest information on security training
<i>LandWarNet eUniversity</i>
LWN.ARMY.MIL |
| 22 | Five Key cyberspace defense elements
 Jac W. Shipp | | |
| 26 | Engaging two domain warfare
 LTC Christopher R. Quick | | |
| 31 | Rigorous cyberspace defense expert training advances
CW4 Ivery Torbert | | |

Departments

- 46 TCM Updates

Cover: *This edition covers cyber space defense as a critical issue with Signal Regiment leaders assertively moving forward to dominate this mission critical domain.*



Cover by Billy Cheney

Join the Discussion

At the end of articles where you see this icon,  you can weigh in and comment on-line.