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emergency preparedness and telemedicine e-newsletter volume 1.0 number 3.0 december 2009

Connect. Communicate. Collaborate. Save Lives. tm

leading news story:

Exclusive :- LifeBot[®] Introduces First EMS Telemedicine and Digital Communications Workstation for Emergency Preparedness



- TelePresence: Video conferencing, video recording, instant messaging and data transfers may all be performed between hospital facilities, hospital departments, and ambulances.
- P25 700MHz: Add wireless broadband capacity and redundacy to 700 MHz P25 deployments enabling EMS telemedicine.
- Ambulance Telemedicine: Fully deployable with LifeBot® prehospital ambulance based telemedicine systems.
- STEMI 12-lead ECG: High capacity broadband compatible with ALL manufacturer's 12-lead and ePCR software systems.
- Multicast: Instantly group multicast or conference using voice or video teleconferencing during major emergencies.

LifeBot[®] introduces the first and only full VOIP digital based EMS communications workstation. The workstation is the only combined EMS telemedicine and communications workstation with compatibility and interoperability with digital radio systems including 700MHz P25, 800 MHz trunked, UHF, VHF, TETRA, and Phone/PSTN systems. It is the first with the ability to talk throughout the Emergency Department using a portable telephone on both radio and telephone channels. The system fully integrates all communications with centralized digital

recording of all channels and calls. view more ...

- Grants: Qualifies for existing rural broadband, interoperative State, Homeland Security and HRSA grant proposals.
- Rapid Information Access: Includes custom private portal system for fast access to protocols, SOPs, and any critical information sharing for emergency preparedness.
- TeleTrauma: Send live or recorded video or images directly from the scene to hospital and surgeons or neurologists.
- TeleStroke: Perform live or recorded stroke assessments in the field and/or from the home with videoconferencing.
- Upgrade Path: Upgradeable to future LifeBot® patented technologies for ED teletriage and telehealth home care.

"Residents of major metropolitan areas should expect most ambulances to have mobile video and data links within a decade.", Jonathan Linkous, CEO of the American Telemedicine Association more...

"I think five years is more reasonable. It should be part of our practice.", **Rifat Latifi, M.D.**, Director of Telemedicine, University of Arizona. <u>more...</u>

"In order to receive the benefits of telemedicine, electronic health care records, and other healthcare benefits, health providers must have access to underlying broadband infrastructure." JAC Report to 9/11 Commission, Kevin Martin, FCC Chairman more...

"The National Telecommunications and Information Administration (NTIA) and the Rural Utilities Service (RUS) should take all steps necessary to ensure that networks are being deployed in underserved and unserved areas are at the very least able to meet the mission critical needs of the public safety agencies in that community." APCO ARRA Comments more...

"The cost of not having

Interview - Inventor discusses the future of mobile telemedicine

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<u>Fierce Mobile Healthcare</u> by Neil Versel, "...we mention some new telemedicine breakthroughs from medical inventor R. Lee Heath, the same person who developed the technology that underlies the automatic external defibrillator. Who is Heath and why is he someone to keep an eye on in the world of telemedicine and mobile healthcare? <u>view more..</u>

Unique Videos - Advanced Telemedicine and Communications Vehicles

Recommended videos for viewing advanced vehicles that set new standards for mobile emergency telemedicine and emergency preparedness:



Loma Linda's MTV view video...



Cisco's NERV Vehicle view video...

EMS Telemedicine : Live Ambulance Prehospital Video-Data Systems Continue Progress in Tucson and Baton Rouge



Tucson's ER-Link Telemedicine view videos..



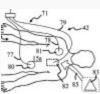
Baton Rouge's BR-Med Connect view videos...

LifeBot® - Breaking News - EMS Emergency Telemedicine Telepresence Teletriage and Telestroke

telemedicine thus was estimated to average \$370,000 per annum for the rural hospitals. Communities with larger hospitals (2,000 or more patient encounters per month) would be forgoing over \$500,000 per year if telemedicine were not offered.", USDA Broadband Report, 08/2009 more...

on the web: <u>www.lifebot.us.com</u> © 2009, LifeBot, LLC All rights reserved. Patented. Additional Patents Pending.

New Patent - New LifeBot® Telemedicine Patent Allowed



LifeBot® has received Notice of Allowance on a new U.S. Patent that will provide exclusive intellectual property rights covering many new concepts for new Emergency Telemedicine based Life-Support Systems. According to Mr. Heath, Chairman and CEO, the patent claims cover many essential features that are needed for deployment of life-saving EMS and emergency telemedicine teletriage and home telehealth systems that he began to expedite many years ago. view more...

About Us - Our Mission Statement

LifeBot® provides exclusive patented telemedicine and telehealth solutions and digital collaborative systems to eliminate disparate communications issues during emergencies with full interoperability. We also integrate next generation broadband capabilities not inherent in todays interoperative digital radio communications so the benefits of achieving telemedicine, telehealth, and emergency preparedness objectives may all be fully realized. <u>about us.</u>

R. Lee Heath of LifeBot® has installed and/or managed emergency life support communications and telemedicine deployments for more public safety and health care institutions than any other organization nation-wide during the last 37 years. We have installed over 200 'first generation' systems, but have now substituted a next generation workstation product with substantially more powerful features, proprietary electronics and an upgrade path to our patented and patent pending technologies. <u>view customer installations</u>.

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