



**2006
NDIA – HOMELAND
SECURITY
PARTNERSHIP WITH
INDUSTRY**

March 30, 2006

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REVIEW BROAD ASPECTS OF THE BIODEFENSE PROGRAM – PROVIDING A BACKGROUND FOR QUESTIONS AND DISCUSSION

Working Definitions

- **Biodefense:** A key part of the U.S. government's overall homeland security effort. Its purpose is to improve the nation's ability to defend itself against bioterrorism, the deliberate use of microorganisms or toxins derived from living organisms to induce death or disease in humans, animals, or plants. Biodefense aims to prevent the development and use of biological weapons as well as assuage the human suffering that would result if prevention fails.

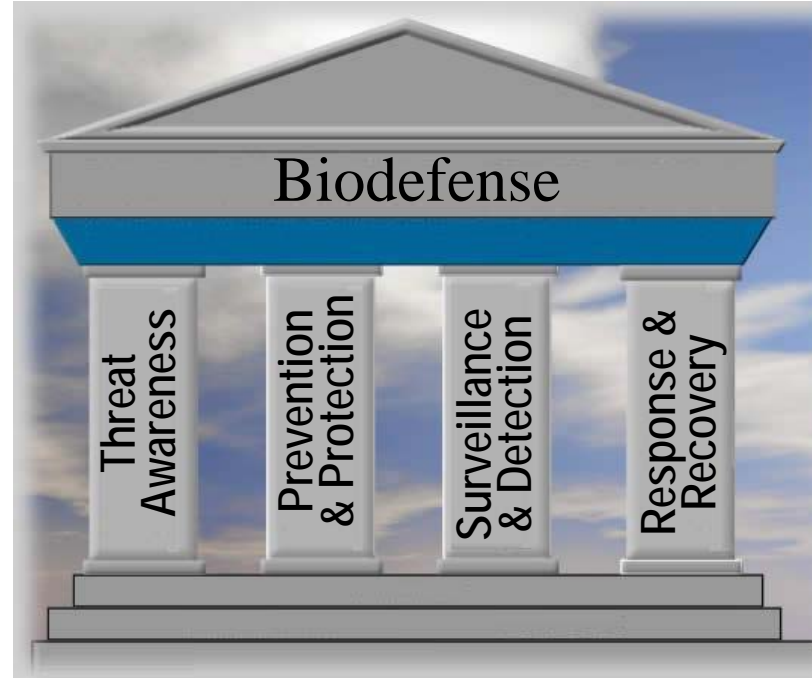


Working Definitions

- **Bioterrorism:** The deliberate use of microorganisms or toxins from living organisms to induce death or disease. Biological and chemical agents that could be used include anthrax, small pox, West Nile virus, cholera, ebola, dengue fever, botulism, Lyme disease, pneumonia and tuberculosis.

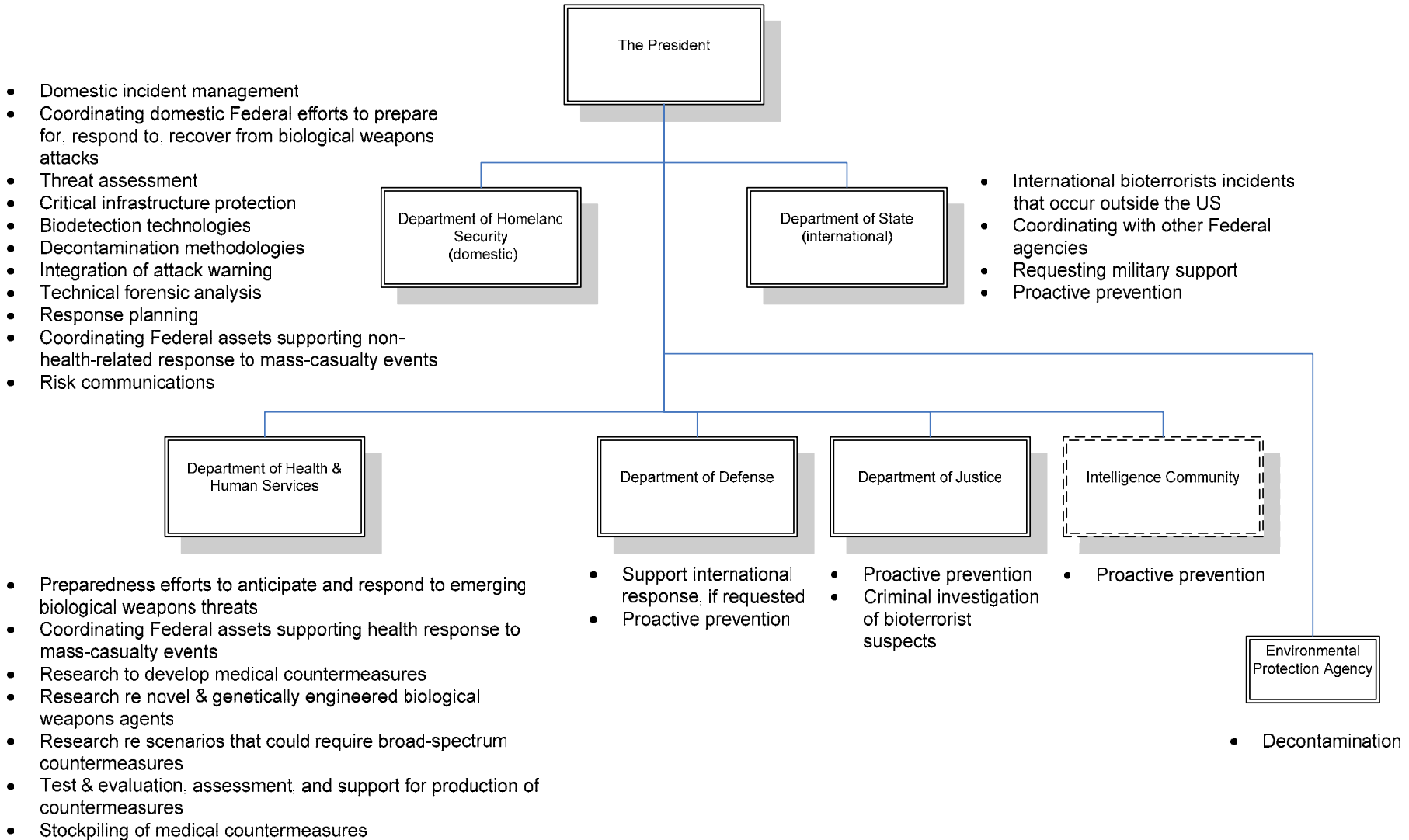
Essential Pillars of Biodefense*

- Threat Awareness
 - Biological Warfare Related Intelligence
 - Assessments
 - Anticipation of Future Threats
- Prevention & Protection
 - Proactive Prevention
 - Critical Infrastructure Protection
- Surveillance & Detection
 - Attack Warning
 - Attribution
- Response & Recovery
 - Response Planning
 - Mass Casualty Care
 - Risk Communication
 - Medical Countermeasure Development
 - Decontamination



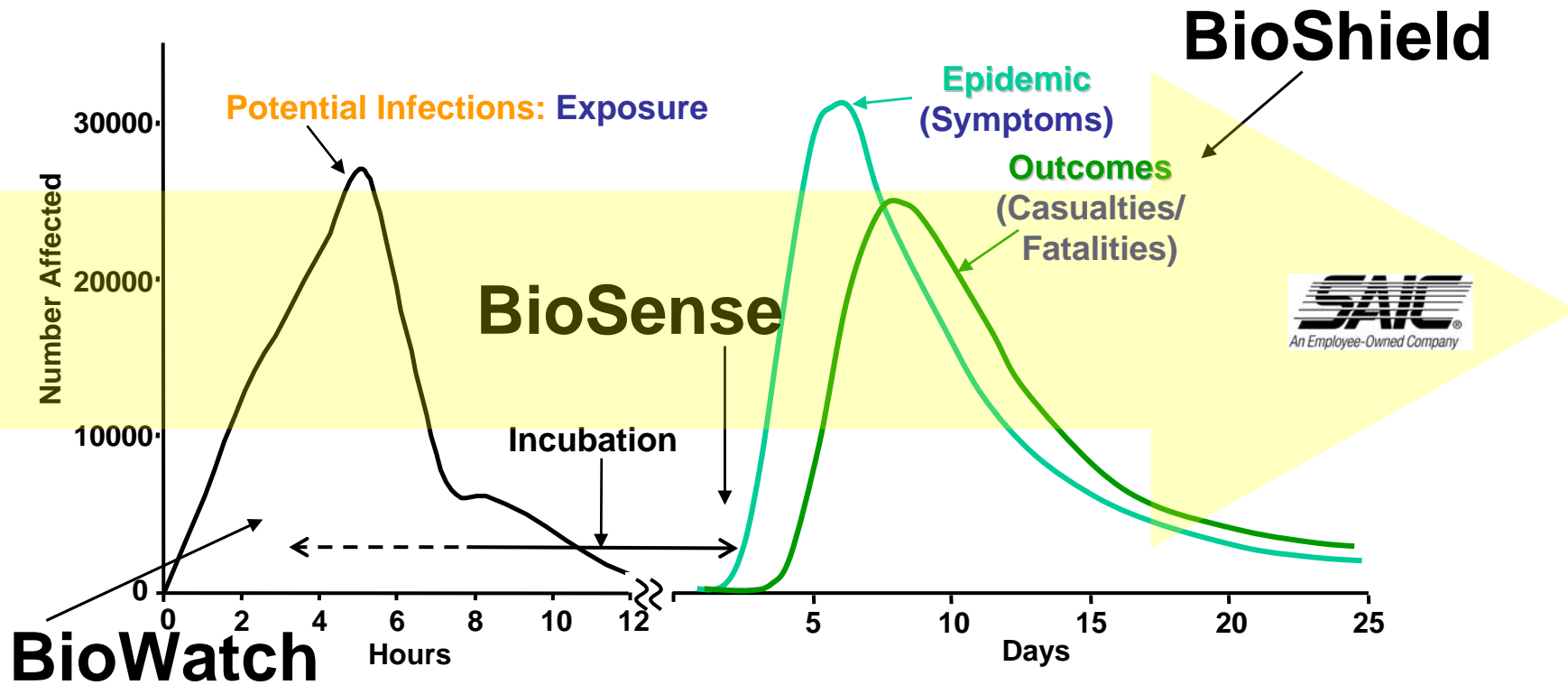
*The White House. *Biodefense for the 21st Century*. April 28, 2004. Available from <http://www.whitehouse.gov/homeland/text/20040430.html>

Biodefense Command Structure



National BioDefense Programs Coverage

Example of Programmatic Penetration



Public Health & Medical Care Orgs.