2014 International Citrus & Beverage Conference

Bio-Security Assessments for Food Safety & Defense

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Full Spectrum Protection For The Food And Beverage Industry
As a food or beverage company, your products and profits can be compromised in a variety of ways

- from a simple loss of refrigeration
- to a coordinated attack on the nation’s food supply.

You need strategies to counter all of these threats
Long, often international, supply chains must move quickly and safely through hundreds of hands and often through international borders.

That’s why it’s so important to have a proactive Bio Security Plan that provides comprehensive food protection.
The Food Safety Modernization Act (FSMA) of 2011 was implemented to provide greater safeguards to the US food supply.

What are some of the results of FSMA to date?

- Preventive written plans for food protection
- Supply chain documentation
- Supplier verification and controls on imported food
- Fees for re-inspection due to non-compliance
Meeting FSMA requirements with Bio Security Assessments & Plans

• Strengthen the points of vulnerability across your supply chain
• Establish adulteration countermeasures in both manufacturing and transportation
• Manage access to critical areas and limit this to only authorized personnel
• Help by monitoring of sensitive data with video and a variety of sensors along with response plans for any trigger event
The 4 A’s of Bio Security Assessments & Plans

- Assess
- Audit
- Access
- Alert

4-A’S
Assess –

- Develop policies and physical controls to prevent unauthorized access while keeping production flowing.

- Review of access and choke points to determine where access paths need isolation from sensitive areas.
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Access –

- Access Control Systems
- RFID Tracking of Personnel
- CCTV Surveillance
- Management of multiple sites with web-based, multisite solutions
- Proactive Real-Time Monitoring
Alert –

- Real-time Security & Critical Condition Monitoring
- Correlation of Data
- Active monitoring of in-transit shipments
- Traceability of high-risk products
- Temperature & Humidity Sensors Monitoring
Audit –

- Maintain Access Control to your Bio Security Plan’s Information
- Consider the implementation of business and performance analytic solutions
- Integration of various reporting solutions for compliance
Thank You