

# КИБЕРСИГУРНОС Т И ЗЕМЕДЕЛИЕ

Лектор:  
**Симеон Нгуен**

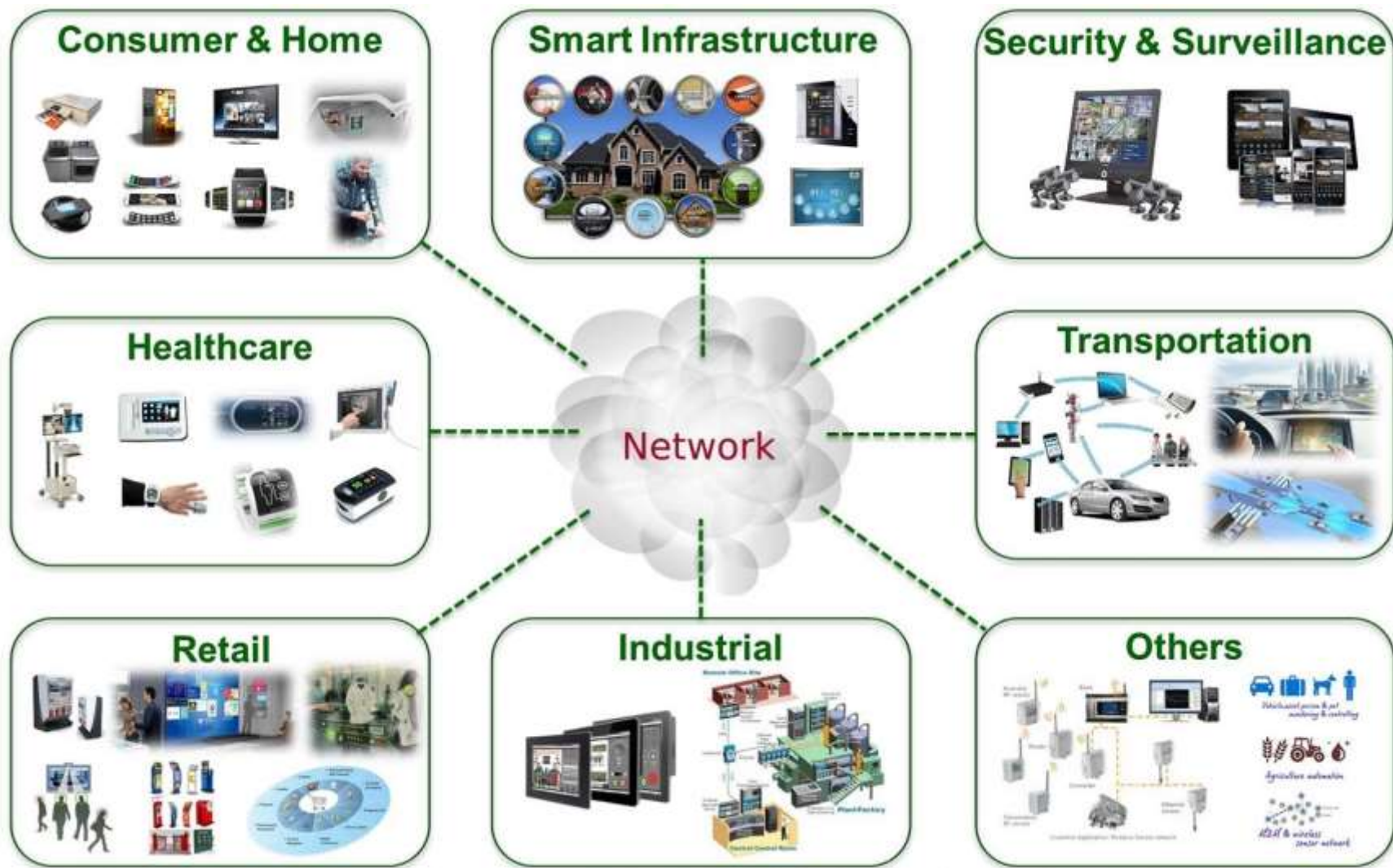
# Дигитализаци

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# Видове кибер атаки







**UAV Farming**



**Monitoring Farm**



**Precision Farming**



**Tracking & Tracing**



**Internet of Things**  
for Smart Agriculture



**Supply Chains Management**



**Monitoring Forestry**



**Aquaponics Farms**



**Analytic Data & Prediction**

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# Cyber security: Global food supply chain at risk from malicious hackers

By Claire Marshall & Malcolm Prior  
BBC Rural Affairs Team

20 May · [Comments](#)



CLAIRE MARSHALL

Farm robots that operate autonomously are becoming a reality

Modern "smart" farm machinery is vulnerable to malicious hackers, leaving global supply chains exposed to risk, experts are warning.

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# Meat giant JBS pays \$11m in ransom to resolve cyber-attack

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The world's largest meat processing company has paid the equivalent of \$11m (£7.8m) in ransom to put an end to a major cyber-attack.

Computer networks at JBS were hacked last week, temporarily shutting down some operations in Australia, Canada and the US.

# NEWS RELEASES

## AGCO Provides Update on Recovery from Ransomware Cyber Attack

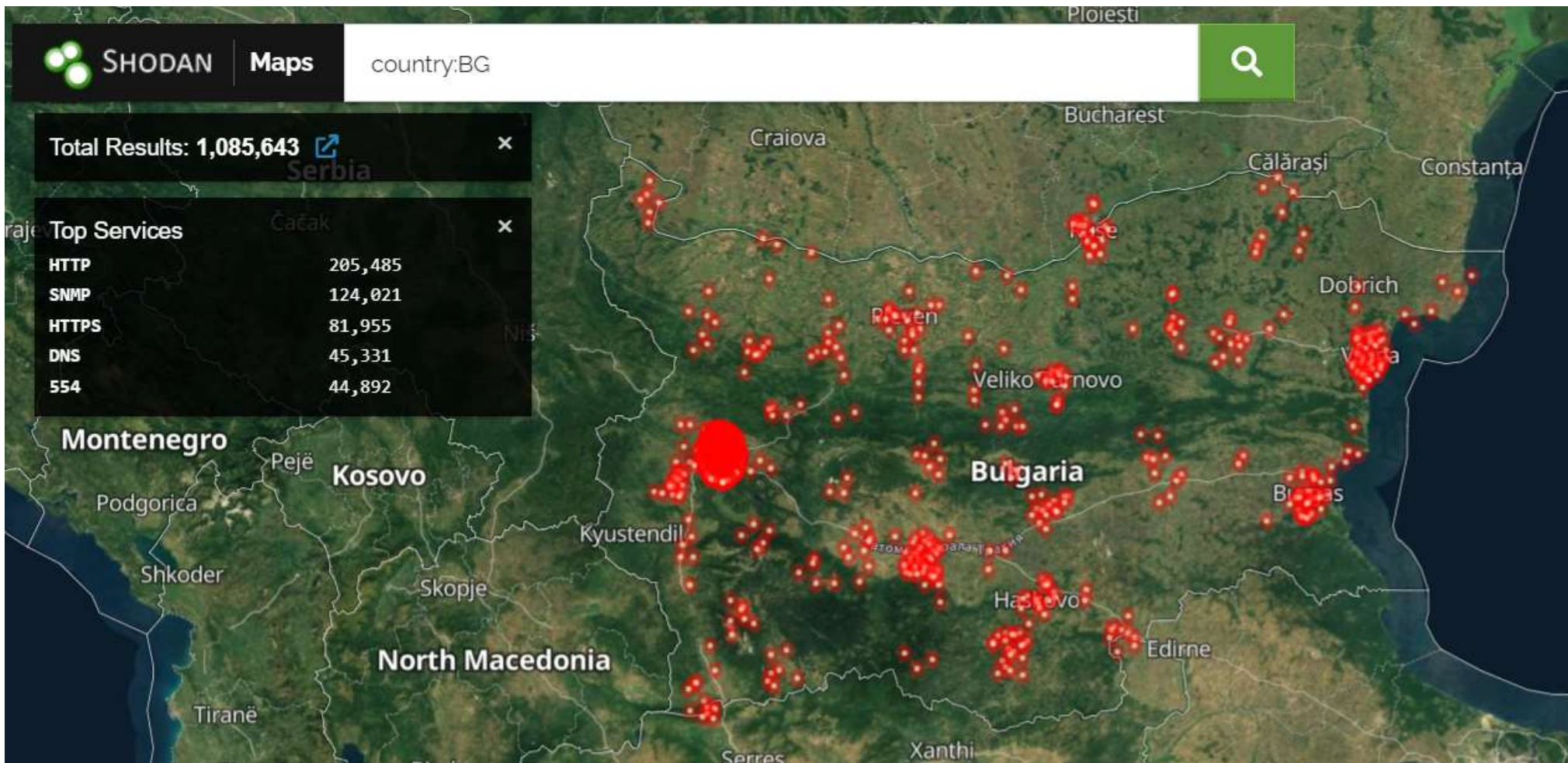
May 16, 2022

### *Majority of Production Activities Resumed*

AGCO, Your Agriculture Company (NYSE:AGCO), a worldwide manufacturer and distributor of agricultural equipment and infrastructure, announced today that the Company's efforts to restore systems and business operations are continuing successfully following a ransomware cyber attack that was discovered on May 5, 2022. A majority of the affected production sites and parts operations resumed operational activities last week or today. The remainder of the sites are expected to begin operations during the balance of this week, such that all factories and parts operations are operating by the end of this week.

The Company also reported that there had been data exfiltration as a result of the ransomware cyber attack. While the Company does not have retail operations, and therefore no privacy-protected consumer data, the Company is still evaluating the scope and consequences of the data loss. Although damage from the ransomware cyber attack could require more in-depth, and lengthy, remediation and recovery than is currently expected, the Company currently expects to be able to mitigate the production loss from the ransomware cyber attack by increasing production over the remainder of 2022.







## Industrial Control Systems

### The Basics

Industrial control systems (ICS) are computers that control the world around you. They're responsible for managing the air conditioning in your office, the turbines at a power plant, the lighting at the theatre or the robots at a factory

### Common Terms

<b>SCADA</b>	Supervisory Control and Data Acquisition
<b>PLC</b>	Programmable Logic Controller
<b>DCS</b>	Distributed Control System

### Search Filter

Shodan continuously crawls the Internet and discovers Internet-accessible ICS devices. If you have an enterprise subscription to Shodan you can use the **tag** search filter with a value of **ics** to get a list all ICS on the Internet right now.

[EXPLORE ICS](#)

# ВЪПРОСИ?