

# ORGANIZING KIPS GAME AT CYBER DRILLS

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# KIPS GOVERNMENT AT INDONESIA OPENGOV



# KEEPING DECISION MAKERS AWARE

## CHALLENGE 1:

Engaging top management –  
despite them not being cybersecurity experts

## APPROACH:

Conducting 2-hour KIPS game (**Kaspersky Interactive Protection Simulation**) – where managerial experience and decision-making skills are used to prevent and respond to cyber attacks; linking cybersecurity and business results

## PROOF:

KIPS conducted successfully for hundreds of organizations worldwide, for managers as high-ranking as Fortune 500 board members, deputy ministers and CEOs of world's largest companies



Russian Railways

To understand threats and be ready for them, you need to know the problem from the inside.

Oleg Belozеров, President of Russian Railways, on his experience with KIPS

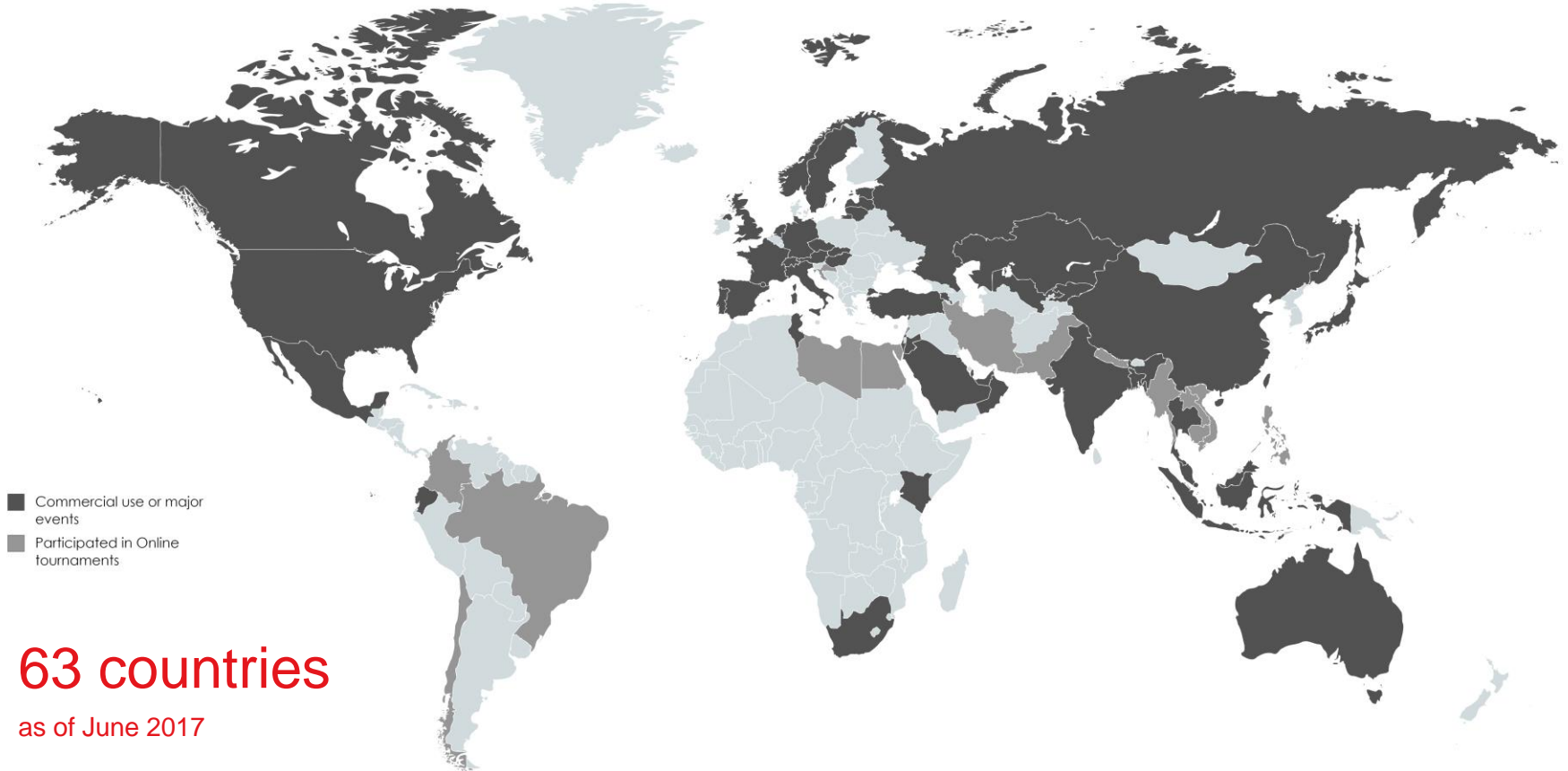


KIPS for President and top management (20+ VPs)  
of Russian Railways, Moscow, February 2017

1,2 MLN EMPLOYEES



# KASPERSKY SECURITY AWARENESS INITIATIVES WORLDWIDE



# KASPERSKY INTERACTIVE PROTECTION SIMULATION (KIPS)

- Fun, engaging and fast (2 hours)
- Team-work builds cooperation
- Competition fosters initiative & analysis skills
- Gameplay develops understanding of cybersecurity measures
- No deep security expertise necessary



# CASE STUDY. STAR-3 – NATIONAL CYBER DRILL OF QATAR



National Cyber Drill was based on Kaspersky Interactive Protection Simulation

Games were held for 4 different economy sectors:

- Financial
- Industrial
- Corporate
- Government

# TRAINING PROCESS OVERVIEW

## Game rules and housekeeping explained

Trainer tells about the game and its rules, trainees listen and follow slides on a big screen or via WebEx.

**25 minutes**

## KIPS is played by teams

Players read news and decide on actions by choosing cards according to their strategy and budget and time limitations.

After each turn a rating is updated.

Trainer facilitates, encourages and controls timing.

**50 minutes**

## Ideal scenario unveiled and lessons learned

Trainer tells about threats met by players, unveils the ideal scenario and draw participants to conclusions and practical takeaways.

**25 minutes**

## Results announced – congratulations to winners!

Participants can be invited to share results and photos on social media.

**10 minutes**

+ 2 hours before the event to prepare  
+ 40 minutes after the event to gather materials

# DELIVERY OPTIONS AND LANGUAGES

## Kaspersky Lab trainer

Our certified trainer (available in all regions)

## Train-the-trainer

License to use the training **inside the enterprise** by internal trainers or as a **training center license**

## Custom scenario

Based on the customer cybersecurity environment

KIPS software and printed materials are available in a number of languages\*, and new localizations are being added regularly.



English



Russian



German



Japanese



French



Spanish EU



Spanish LA



Portuguese



Turkish



Italian

\* Please check with Kaspersky Security Awareness team if a specific scenario is available in your language – there can be some exclusions.



# KIPS LIVE REQUIREMENTS

## Group

20-80 people, split into teams comprised of 3-4 people

## Room

~ 3m<sup>2</sup>/person, no columns, regular form

## Time

The game takes 2 hours, and the room must be available 2 hours prior to the game for preparation and setup

## Equipment

Projector, Screen, 1 iPad per team + Wi-Fi, Sound system (speakers, microphones)

## Furniture


Tables of participants for 4 people (rectangular size not less than 75x180 cm, or round with no more than 1.5 m diameter), Participants should sit in groups of 4 at the tables. Tables for co-host, Chairs on the number of participants



# NEXT STEPS (DETAILED)


- Choose scenario (-s):
  - Corporation
  - **Bank**
  - e-Government
  - Power Station
  - Water Plant
  - Transportation
- Language: Spanish LA
- Print materials (KL)
- Arrange rooms (Organizer)
- Arrange registration (list of participants, or email campaign/ landing page) (Organizer; KL can provide announcing materials)
- Provide training during the event (KL)
- (?) Award certificates
- Get a feedback
- Ideally – to ensure media coverage (Organizer) and a case study (KL)

# PUBLIC ANNOUNCEMENT: EXAMPLE



**IoT SOLUTIONS**  
WORLD CONGRESS  
BARCELONA 25-27 OCT 2016

BARCELONA 25-27 OCTOBER 2016  
GRAN VIA VENUE









Fira Barcelona

EVENT CONGRESS EXHIBIT VISIT TESTBEDS **ACTIVITIES** PARTNERS MEDIA CONTACT

SEARCH 🔍

IoT / KASPERSKY INDUSTRIAL PROTECTION SIMULATION (KIPS)

## Kaspersky Industrial Protection Simulation (KIPS)



### Latest news

**22 JULY 2016**  
GE, Intel, Microsoft, MIT, Red Hat, Schneider and the World Economic Forum. IoTS World Congress keynotes

**22 JULY 2016**  
IOTSWC16 Partners with the world leading IIoT Associations: Plattform Industrie 4.0, Industrial Value Chain Initiative (IVI) and the Industrial Internet Consortium

**20 APRIL 2016**  
IoT Solutions World Congress announces its 2016 conference program tracks and contents

**23 FEBRUARY 2016**  
IOTSWC will hold its second edition in Fira de Barcelona's Gran Via venue on October 2016

**17 FEBRUARY 2016**

# TEXTS FOR EMAIL ANNOUNCEMENTS AND LANDING PAGE

The screenshot shows a web interface for a programme. At the top, there is a navigation bar with a 'Log In' button on the left, the word 'Programme' in the center, and a language selector 'Ru' on the right. Below this is a dark blue header bar with a yellow button labeled 'To programme' with a left arrow, a dark blue button labeled 'Jupiter hall', and a dark blue button labeled '28 October, 20:00'. The main content area is white and features a section titled 'Strategic Business Game 'Kaspersky Interactive Protection Simulation''. The text describes the game as a role-playing exercise for decision-makers in business and IT, where teams compete by running a simulated company through various attacks. It notes that every decision has a knock-on effect and that the game is designed to be realistic. A testimonial at the bottom states that the game was 'truly eye-opening' and that participants were interested in implementing it at their own companies.

☰

Log In

Programme

Ru

← To programme

Jupiter hall

28 October, 20:00

## Strategic Business Game 'Kaspersky Interactive Protection Simulation'

Kaspersky Interactive Protection Simulation (KIPS), a short role-playing game, establishes the understanding between decision-makers (CxO, business, IT), and changes their perception of the problem of cybersecurity.

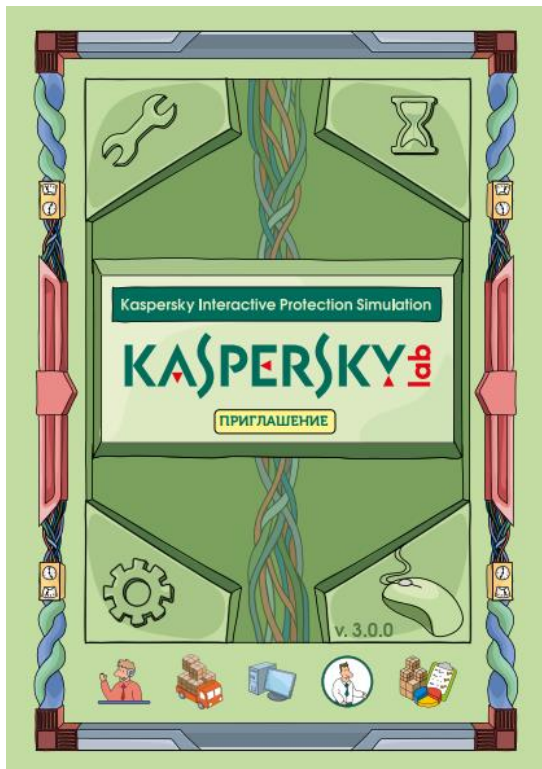
Teams of participants compete running a simulated company. As the company experiences a series of attacks they see unexpected impact on performance, and have to adopt financial, IT or Security strategies to minimize loss and keep profit.

Every response a team makes has a knock-on effect, so participants need to analyze data and make decisions despite uncertain information and limited resources! Sounds like real life? That's the point.

KIPS was run at multiple events, feedback ranged between "It was **truly eye-opening**; many participants asked about setting up this game at their companies" and "We have to build a network of people based on affiliation and cooperation and the KIPS is a perfect way to kick it off."

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# COLOURFUL INVITATION ON-SITE (CAN BE LOZALIZED)





# INDUSTRY-RELATED SCENARIOS AVAILABLE

## Power station + Water plant

Industrial control systems and critical infrastructure



## E-Government

Web servers and portals to run government online services



## Corporation

Manufacturing and sales



## Bank

Large regional bank with corporate and retail business and ATM network

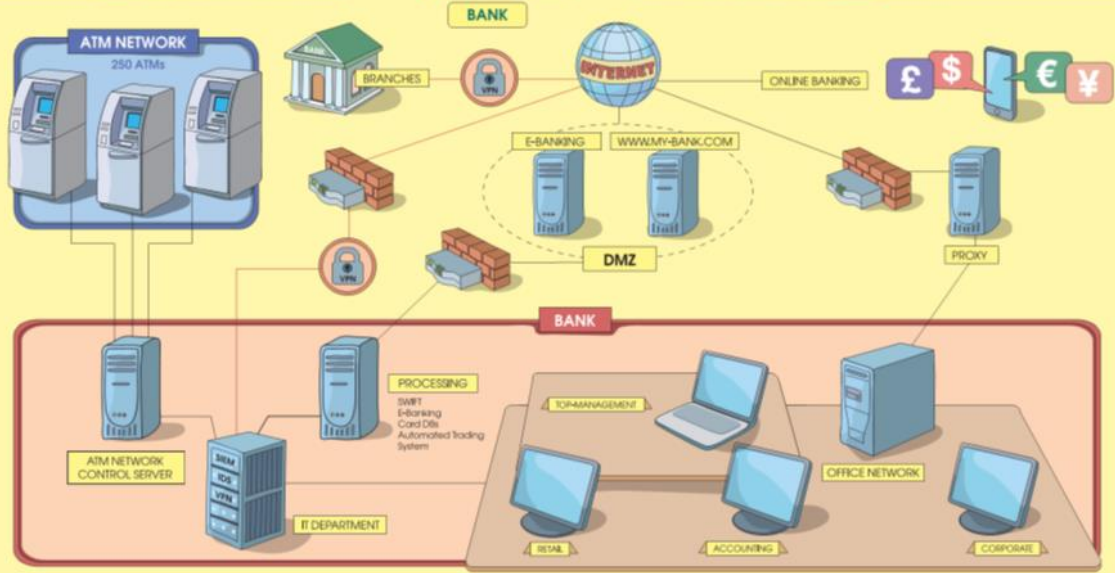


## Transportation

Passenger-and-freight carriage



- Each of the scenarios focuses on the respectful threat vectors, allows to discover and analyze the typical mistakes in building the cybersecurity and incident response procedures in the corresponding industry
- KIPS training shows to participants the real role of the cybersecurity in business continuity and profitability; highlights the emerging challenges and threats which are coming in nowadays; describes typical mistakes companies are doing when building the cybersecurity; and encourages a cooperation between business and security teams – a cooperation which helps to maintain the stable operations and sustainability to the cyberthreats



## BANK

Teams compete running a simulated regional bank with ATM network, trade business, online banking, a lot of security controls in place, compliant to security standards, predictable fraud level, and earning profit.

However, as the bank experiences a series of attacks – **Carbanak**, **Tyupkin**, **Cryptor**, **Black Energy** – they see the exponentially growing impact on profits, and have to adopt different financial, IT or Security strategies and solutions to minimize the impact of the attack and keep their profits.

<p>OFFICE ANTIVIRUS</p>	<p>BACKUP &amp; RESTORE SERVICE</p>								
<p>PCI DSS COMPLIANCE</p>	<p>SIEM</p>								

An aerial photograph of a city skyline at sunset. The sun is low on the horizon, casting a warm orange glow over the city. The skyline is filled with various skyscrapers and buildings. In the foreground, there are several large, modern buildings and a highway interchange. The overall scene is a mix of urban architecture and natural light.

**WE PROTECT WHAT MATTERS MOST**

**KASPERSKY** LAB

[www.kaspersky.com/awareness](http://www.kaspersky.com/awareness)