Digital Resilience in Geopolitical Turbulence

Point of View

Technologies of Trust

New geopolitical turbulence poses new risks for national digital infrastructure that must be pro-actively managed to avoid a dramatic

New risks

- Wide and UN non-approved imposition of sanctions against countries with a different view on world order
- Voluntary leave of digital vendors and consulting companies with breakage of signed contracts
- Trade barriers and protectionism

Possible consequences

- Full-stop of digital services across the country
- Security and health risks due to the damage of critical infrastructure
- Violation of the operation of technological equipment and software
- Inability to maintain and repair equipment
- Slowdown in the development of the company's infrastructure

What to Do

- Identify and classify critical digital infrastructure
- Make a exhaustive set of risks for each component
- Define a risk mitigation strategy along with cost estimations

Was	Now
Innovations and growth	Innovations and growth + digital sovereignty

We have solid experience in helping organizations to mitigate technology risks derived from geopolitical turbulence. Examples 1/2

Safe City project

To drive a big city security step-up, a friendly government decided to create a technology platform – Safe City Hub.

We provided the following deliverables:

- TeDo specialists analysed the AS-IS IT infrastructure condition **(server equipment, CDTN, CCTV, video conference systems, etc.)** and all stakeholders involved in the establishment of the Safe City Hub
- Developed the Safe City Hub Concept including platform architecture and high-level functional requirements for platform (system) components
- Developed a financial and economic model to implement the Safe City Hub
- Developed Terms of Reference to implement the Safe City Hub
- Developed a playbook to streamline all Safe City Hub developers and users

A Top 3 Russian telecommunications company

Develop a corporate data management concept

Under the project, TeDo consultants performed the following activities:

- Audited the current corporate data management maturity level including review of the organisational structure, data sources and consumers, and evaluation of the AS-IS IT landscape, etc.
- Designed a corporate data management concept consisting of the TO-BE organisational structure, responsibility matrices, employee roles and required regulations, the TO-BE applied data flow management model, master data management methodology, the TO-BE IT architecture, and also project KPI
- Developed a concept implementation roadmap

We have solid experience in helping organizations to mitigate technology risks derived from geopolitical turbulence. Examples 2/2

Investment bank

Develop methodology documents to ensure Customer's business continuity and recovery

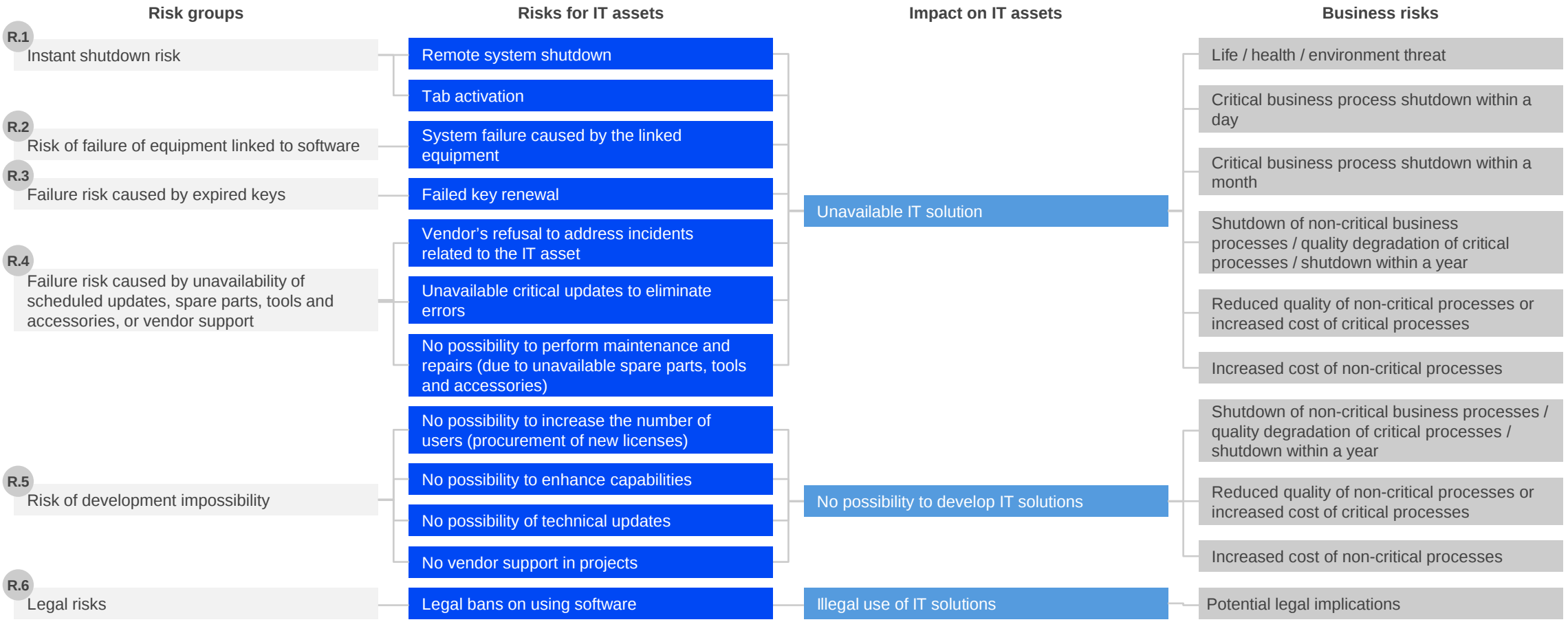
Under the project, TeDo consultants drafted the following documents:

- Finance Operations Disruption Impact Analysis Methodology
- List and brief descriptions of typical BCDR strategies and typical BAU activities
- List of typical threats and possible emergency scenarios
- BCDR Local Plans templates and Unified (Umbrella) Finance BCDR Plan template
- Training materials to analyse the impact of disruption on Finance operations and to develop and execute Finance BCDR Plans
- Finance BCDR Plan Testing Methodology
- Training materials for testing

Major top-3 Russian bank

- Developed a methodology for defining immediate threats
- Threats models development
- Developed scenarios for the development of crisis situations
- Developed the document "Incident monitoring and management" and the document-based process
- Developed a methodology for achieving business continuity targets
- Exercised quality control over the documents developed by the bank including BIA methods, BCDR Plan, Recovery Strategies, Roadmaps
- Trained Bank employees to learn the basics of business continuity and disaster recovery
- Exercised quality control over BIA results
- Conducted a crisis drill for the Emergency Response Team

We use a proven methodology to identify and assess technology risks connected to geopolitical environment



1) E.g. vendors' refusal to collaborate with the Company

Detailed analysis is performed for each category!

Then we provide a risk mitigation plan to avoid most critical harm to digital infrastructure in case of sanctions or other limitations

Sample

1 Actions to mitigate Unavailable IT Solution risks – grey

- Minimising potential tab activity
- Delinking keys from equipment
- Building a stock of spare parts, tools and accessories
- Implementing additional safeguards against remote shutdown risk
- Migrating to non-expiring keys
- Setting up an alternative service desk
- Renewed agreements excluding legal risks

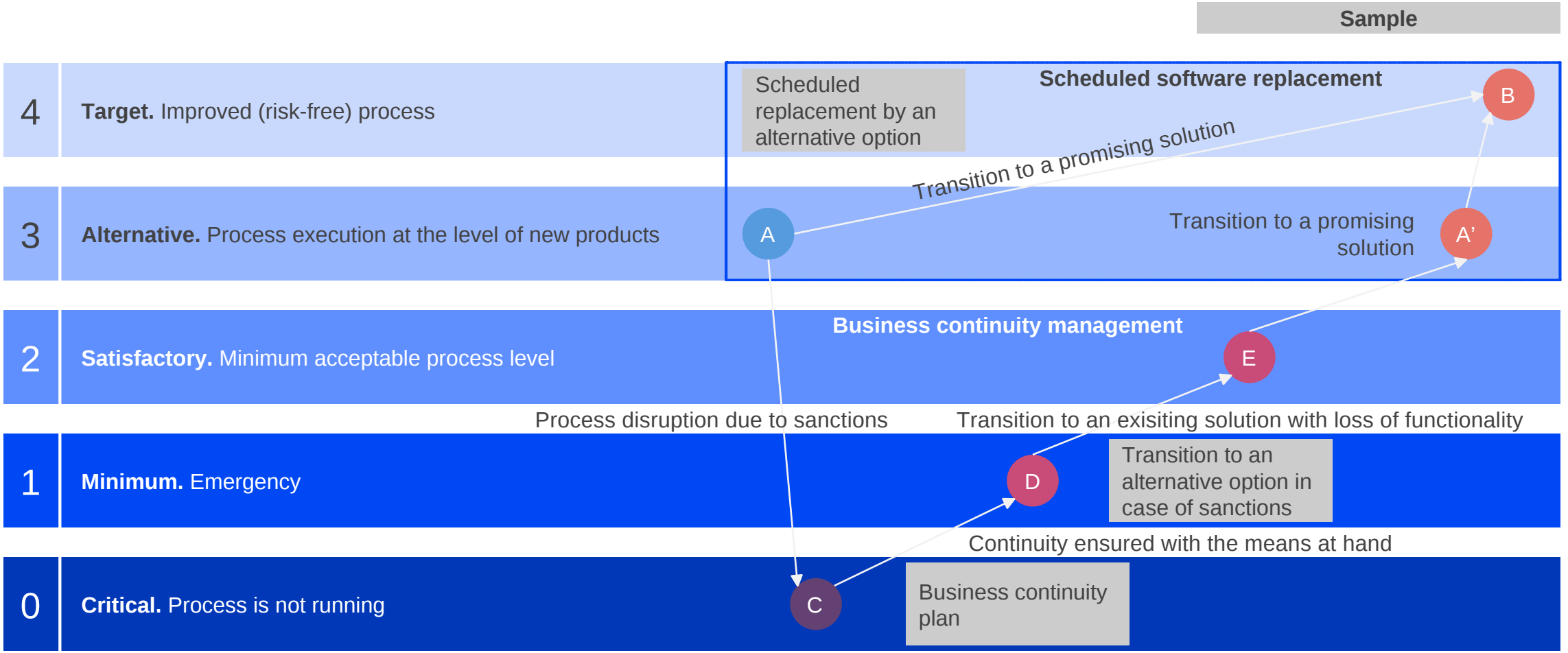
2 Actions to mitigate No Possibility to Develop IT Solutions risks – import substitution (solution replacement / localisation) – pink

Preventive implementa-tion of the alternative option	Business case for the migration to the alternative option
	Creating catalogues of alternative solutions
Scheduled replacement by the alternative option	Terms of Reference for system development (for the market)
	Testing programme and procedure
	Product fit report (based on testing results)
Migrating to an alternative option in case of sanctions	Pilot implementation of a system / product
	In-house development
	Amendments to the Technical Policy
Localising a foreign solution	Setting up a localised vendor's service desk
	Setting up a JV and transferring all required rights and source codes (or a set of process documents)
	Testing the solution on risk-free IT infrastructure components

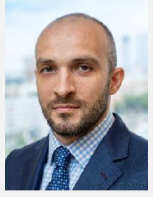
3 Action to ensure business process continuity – burgundy

Sanction response plan	Description of alternative processes
	Description of continuity requirements
	Identifying process recovery options

We provide a cost-effective risk measures preserving the highest level of digital innovations to keep organization growing



We invite you to book an exclusive high-level risk assessment session provided for you by our key experts



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Director

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Yury Shvydchenko has more than 18 years' experience in designing, implementing and supporting IT infrastructure for large companies, including over 10 years of experience in project management in IT infrastructure and business continuity for major Russian companies and financial services sector, including large projects to build and enhance systems to manage business continuity, design and set up of IT infrastructure.

Qualifications

- Business Continuity Planning Avoiding the Big One
- BSI BS25999 Introduction, Implementation & Internal Auditor
- BSI BS25999 BCMS Lead Auditor
- CDCDP (Certified Data Center Design Professional)
- ATD Uptime Institute (Accredited Tier Designer)

Ilia Khorlin
Executive Director

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Ilia has 15+ years in IT consulting. Has Accenture and IBM background. Built from scratch a digital hub in a large oil&gas company (120+ talents) and was head of innovation department at a wealth management company.

He delivered 30+ IT, digital strategy and enterprise architecture projects in various industries (oil&gas, banking, mining, utility, transportation, retail etc.).

Qualifications

- Chief Digital Transformation Officer qualification from Moscow School of Management Skolkovo
- TOGAF Practitioner

Dmitry Shepelyavy
Executive Director

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Dmitry Shepelyavy has more than 20 years of IT experience, including the Bank of Russia, Oracle, SAP and PwC where he was in charge of project management and building of comprehensive IT systems for key customers. He also launched >20 of IT products in the market, set up project teams and managed relations with key clients.

Qualifications

- MBA Finance
- Project Management Professional (PMP) / PMI
- Certified Scrum Product Owner (Scrum Alliance)
- Certified Professional- Agile Product Ownership (ICAgile)

Just call +7 968 471 71 91 or send the request to email: Dmitry.Shepelyavy@tedo.ru to book the risk assessment session

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