



Secure the Continuity of IT Services and Business – Prepare, Protect and Recover

TiVi Data Center &
Cloud 2025

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FUJITSU-PUBLIC





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Areas of responsibility

- Head of Hybrid IT –Portfolio
- Head of Portfolio & Product Management Team
- Strategy & Vision of our Portfolio
- Product & Service Development Lead

Professional journey

- +15 years of experience in IT and Telecom business
- From sales, to business development, and portfolio leadership

Outside of work

- Family with 5-year-old son, wife, dog
- Family time, snowboarding, disc golf, bouldering

Key topics

Current operating environment in which organizations need to navigate in

The role of Business Continuity Plan in safe-guarding the infrastructure and business .

What needs to be addressed in the Business Continuity Planning?

Possible future threats for the business and infrastructure continuity

Takeaways

How to prepare for possible events and disasters. How to implement Business continuity. What kind of strategic choices we can encounter

What kind of status-quo and operating environment are we in?

RESTRICTIONS ON FINLAND'S EASTERN BORDER

FINNISH GOVERNMENT

Finland's eastern border to remain closed until further notice

Ministry of the Interior
16.12.2024 13:42 PRESS RELEASE

Four telecommunication cables connecting Finland out of service

The cause of the cable damage was uncertain. Telecom operators said on Boxing Day that the incident had not impacted consumers so far.

Valtiovarainministeriö päivitti valtionhallinnon pilvilinjaukset

Valtiovarainministeriö
25.10.2023 9:52 TIEDOTE

Valtiovarainministeriö on päivittänyt linjaukset julkisen hallinnon pilvipalveluista. Pilvipalvelulinjauksien tavoitteena on tukea valtionhallinnon sekä soveltuvin osin hyvinvointialueiden ja kuntien päätöksentekoa pilvipalvelujen käytössä. Tarkoitus on myös edistää laajemmin pilvipalvelujen käyttöä julkisessa hallinnossa.

Valtiovarainministeriö julkaisi pilvilinjaukset vuoden 2019 alussa. Ne määrittävät, miten julkisen hallinnon organisaation omistamaa tietoa voidaan käsitellä pilvipalveluissa. Linjauksen tarkoituksena on antaa ohjeita pilvipalvelujen turvallisesta käytöstä ja tukea riskienhallinnan päätöksentekoa sekä tarjota suuntaviivoja pilvipalvelujen toteuttamiseen. Linjauksen tarkoituksena on lisäksi selkeyttää henkilöiden ja organisaatioiden vastuualueita.

Google plans "historic" data centre expansion in Finland

The investment includes the purchase of four parcels of land in the municipalities of Muhos and Kajaani at an estimated cost of 27 million euros.

Up to 615 MW - Microsoft's Massive Finland Project Progresses

Savi Karhunen 19.12.2023 14:47 TOP IN ENGLISH KOKONAISUUS YHTEISKUNNALLISET VIESTIT

Data centers will cover a significant portion of the future district heating needs in Espoo and neighboring municipalities.

Cyber attack hits [redacted] putting data of 5,000 at risk

The attack, which came to light on 12 December, involved unauthorised access through the credentials of an IT service provider, [redacted]

Paper: Finland sees record number of data breach reports in 2023

Finland's Data Protection Ombudsman received 6,900 data breach reports in 2023, an increase of 1,400 on the figure for 2022.

YLE NEWS
16.6.2024 9:47

How to ensure infrastructure and service continuity in today's challenging operational environment

Technologies and technical solutions can take you far, but not all the way. It's even more about making strategic choices and decisions, than just pure technology.

In order to ensure comprehensive Business Continuity, you need to have a plan.

Key elements for fundamental Business Continuity planning:

1. Business Impact Analysis (BCI)
2. Risk assessment and vulnerability analysis
3. Implementing redundant and resilient infrastructure
4. Crisis management and communication strategies
5. Regular testing, updates, and continuous improvement

Business Impact Analysis (BIA)

Business Impact Analysis
(BIA)

Risk assessment and
vulnerability analysis

Implementing redundant
and resilient infrastructure

Crisis management and
communication strategies

Regular testing, updates,
and continuous
improvement

BIA is the process of analyzing the impact over time of a disruption on the organization.

1. Identify Critical Business Functions

2. Assess Potential Impacts

3. Determine Recovery Time Objectives (RTO) & Recovery Point Objectives (RPO)

4. Prioritize Recovery Efforts

5. Develop Risk Mitigation Strategies

- Maximum tolerable period of disruption (MTPD)
- Minimum business continuity objective (MBCO)
- Recovery point objective (RPO)
- Recovery time objective (RTO)

Business Impact Analysis
(BIA)

Risk assessment and
vulnerability analysis

Implementing redundant
and resilient infrastructure

Crisis management and
communication strategies

Regular testing, updates,
and continuous
improvement

You can make the assessment and analysis yourself, order it, or utilize existing material. The most important thing is, that it suits your needs, organization, and operational environment.

If you choose to do it yourself, consider at least these:

- Define business continuity and infrastructure resilience
 - What they mean to you?
- Discuss methods for assessing vulnerabilities and their potential impact.
- Identify potential risks to infrastructure and business processes.

Business Impact Analysis
(BIA)

Risk assessment and
vulnerability analysis

Implementing redundant
and resilient infrastructure

Crisis management and
communication strategies

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improvement

- The role of redundancy in critical systems (e.g., data centers, networks).
- Leveraging cloud services and backup solutions for resilience.
- Implement redundancy in all levels.
- How to do it? - Yourself or utilizing partners
- Require Business Continuity Framework from your partners and build it together.
- Are the Backup systems applicable?
- Are the Disaster recovery systems and processes functional?

Business Impact Analysis
(BIA)

Risk assessment and
vulnerability analysis

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and resilient infrastructure

Crisis management and
communication strategies

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In case of event, everyone needs to know what to do. Effective communication minimizes panic, misinformation, and operational disruptions.

When building your Crisis Management and Communications plans, consider these:

Communication Strategy

- Crisis Communication Plan
- Stakeholder Mapping
- Communication Channels & Redundancy
- Spokesperson & Media Management
- Real-Time Monitoring & Feedback Loop
- Training & Simulation Exercises

Crisis management

- Crisis Response Plan
- Incident Command Structure (ICS)
- Emergency Response Procedures
- Resource Allocation & Logistics
- Compliance & Regulatory Requirements

Regular testing, updates, and continuous improvement

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- It is important to test the BCP through simulations and drills.
- Adapt to new threats and evolving technologies through regular BCP updates.
- Require participation from partners.

- The evolution of AI
- High Performance Computing and Quantum Computing
- The development of geopolitical circumstances
- Climate change and environmental risks
- Regulations, legislation, and compliance
- Future energy supply and evolution of energy industry
- Supply chain vulnerability

- It's not rocket science; prepare and execute, and develop consistently.
- You don't have to do everything yourself, benefit from your partners.
- Utilize technology.
- Prepare for the worst, rather than be too optimistic.
- Prepare for the future.

Thank you!

