Jihomoravský kraj

CRITICAL INFRASTRUCTURE PROTECTION METHODS IN THE CZECH REPUBLIC

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CRITICAL INFARSTRUCTURE

What is CRITICAL INFRASTRUCTURE?

Manufacturing and non-manufacturing systems, which in case of their disfunction would seriously affect security, economy and sustainment of necessary scope of the State's fundamental under crisis circumstances.

Critical infarstructure is scaled into four levels:

➢ global level (round-the-world, continetal and/or multi state impact)
➢ state level (impact on a nationwide territory or territories of more several regions)
➢ regional level (impact on an entire region of parts thereof)
➢ municipal level (local impact)

CRITICAL INFRASTRUCTURE INCLUDES THESE BRANCHES:

1. **Power generation and management** (electrical power generation and ditribution,petroleum and natural gas transportation,…)
2. **Water management**(provision of drinking water,control of water quality,….)
3. **Food processing and agriculture**(food safety managament, provision of food supplies)
4. **Health care** (medical and hospital care,medicines, serums, vaccines…)
5. **Transportation** (road transport, rail transport, air traffic)
6. **Information and communication systems**
7. **Banking and finance sector**
8. **Emergency services**
9. **Civil administration**
10. **Waste management**

CRITERIA OF CRITICAL INFRASTRUCTURE IDENIFICATION

These criteria are the following:

- Scope (…, state, region, municipality)
- Seriousness (none, minimum, moderate or major)

Some criteria that can be used for the eavluation of the size are the following:

- **Public impact** (number of people affected, fatalities, illnesses, major injuries, ..)
- **Economic impact** (impact on GDP, serios economic losses,…)
- **Enviroment** (impact on people and adjacent ares)
- **Interdependence** (with other Critical Infrastructure components – this is commonly called „cascade effect")
- **Political implications** (faith in government capabilities)
- **Time criterion** (such as immediate, after 24 to 48 hours, after week, …..)

CRITICAL INFRASTRUCTURE PROTECTION

Is a process to secure the functioning of Critical Infrastructures and their interconnections taking into consideration all the risks and threats.

THE ROLE OF PUBLIC ADMINISTRATION IN THE CRITICAL INFARSTRUCTURE PROTECTION

The Charter of Fundamental Rights and Freedoms and the Czech Constitution set forth the right to protection of life, health, and property of the citizens of the Czech Republic.

- Tasks of crisis managament of the public administration

- Type plans for critical situation (central government bodies of the Czech Republic)

- Crisis plan of the South Moravian Region (based on these type plans and regional area risk analysis.)

CRITICAL PROTECTION PROCESS IN THE SOUTH MORAVIA REGION

180 Critical infrastructure subjets entities of all branches have been selected and addressed in the South Moravian Region

85 % Critical Infrastructure subjets are in private sphere

CRITICAL INFARSTRUCTURE PROTECTION PROCESS IN THE SOUTH MORAVIAN REGION INCLUDES

1. **Active involment of entities in the preparation** (selection of these entities based on the analysis and adressing thereof by Governor of the Region)

2. **Definition of specific tasks to be solved** (specification of the crisis preparation plan elaboration process,….)

3. **Insertion of the entity into information systems for the crisis managament support**

CRITICAL INFARSTRUCTURE PROTECTION PROCESS IN THE SOUTH MORAVIAN REGION INCLUDES
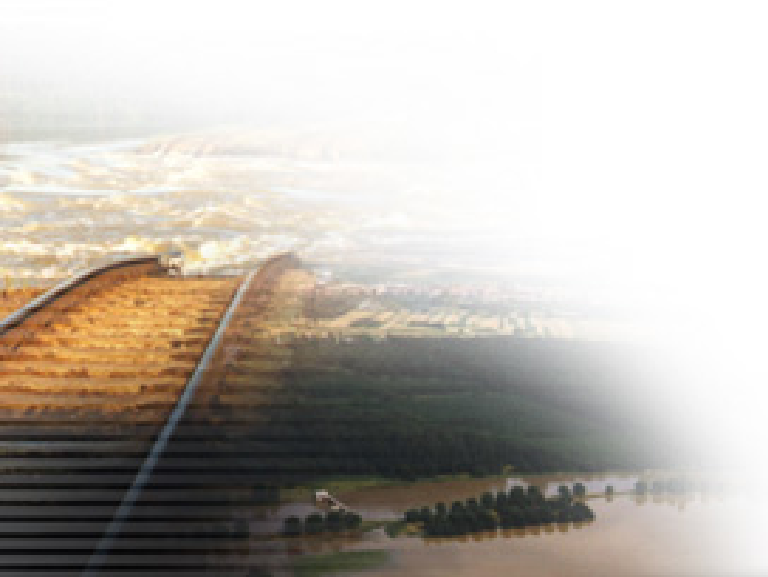
4. **Initiation of the crisis preparation plan elaboration process and database creation managament** (corrections in the course of preparation of the plans, running control of date input to the system)

5. **Verification of the crisis preparation plan** (verification of information necessary for the resolving of crisis situations – numbers of staff necessary to keep the entity functioning,….)

6. **Data updating** (runs cotinuosly, hardcopies of system documentation are normally printed out once every two years)

CRISIS PREPARATION PLANS

Version: 3.0

Introduction

Threats

Plan patterns

  Type plans
  List
  Plány KP
  Active
  New
  Design

Measures

Procedures

Resources

Persons

Organizations

Incidents

Notification

Incident log

Damage and losses

State of water

Office

Attachments

Print report

Plan print.

Lists

Plány krizové připravenosti - detail

User:**JMK**
Permission for selected redord:REWXD

Back **Save** **Cancel** **New** **Delete** **Approval** **Restore processing** **Copy**

Delegate **Delegate on full plan** **Activate for incident**

Identification AGRODRUŽSTVO Miroslav

Processor AGRODRUŽSTVO Miroslav **Status** Approved

Design type Plán krizové připravenosti

Šablona pro tisk

Organizations AGRODRUŽSTVO Miroslav

Author: JMK
Author: JMK **Update:** 10.10.2007 14:37

Selection **New item** **New level** *Data* **Definition** **Processor** **Status change** **Print** **Delete** **Copy**

Delegate on full section **Attachments**

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Chapter Num. ▲	Chapter	Identification	− +	Data	Status	Processor	Plan pattern	Attchs	Organizations
1.	A 1	✚ ÚVODNÍ ČÁST		Text	Approved	AGRODRUŽSTVO Miroslav		Y	
2.	A 2	OBECNÁ ČÁST		Text	Approved	1Krajský úřad		Y	
3.	A 3	✚ ANALÝZA RIZIK A POTŘEB PRO ZACHOVÁNÍ FUNKČNOSTI SUBJEKTU		Text	Approved	AGRODRUŽSTVO Miroslav		Y	
4.	B 1	KOMUNIKACE		Data	Approved	AGRODRUŽSTVO Miroslav		Y	
5.	B 2	✚ ZDROJE		Text	Approved	AGRODRUŽSTVO Miroslav		Y	
6.	B 3	✚ OPERAČNÍ PLÁNY SUBJEKTU		Text	Approved	AGRODRUŽSTVO Miroslav		Y	
7.	B 4	✚ PŘÍLOHY A POMŮCKY		Text	Approved	AGRODRUŽSTVO Miroslav		Y	

Hotovo Místní intranet

CRISIS PREPARATION PLANS

Plan sections:

1. **Introduction** (basic information on the entity, ….)
2. **General** (links and ties among institutions)
3. **Analysis of risks and needs for the keeping of functionality of the entity** (is vital for the management needs and forms the basis of decision-making process)
4. **Communications** (list of entity notifications)
5. **Resources** (list the forces, means, services or proper equipment set out for the resolving of an extraordinary event or a crisis situation)
6. **Entity operation plans** (is specific proper type plan for the given entity, territory or facility)
7. **Attachments and tools** (principles of use of crisis preparation plan,…)

Vision

- Integrated system of event onset and progress monitoring, where values measured and coverted to an appropriate format could trigger additional mechanisms in the managament program containing individual plans

- Information on the progress of the event and/or preset taskswill then sent to specified people via SMS text messages

THANK YOU FOR YOUR ATTENTION!