

Cyber attacks on medical

prevent facilities

Bavarian data protection supervisory authorities

Best practice checklist ready

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Munich, June 3rd, 2020

The current corona pandemic is urgently showing many people

how important a functioning healthcare system is. hospital

sers, medical practices and medical laboratories are challenged to

ensure niche supply for the population. Already a successful

However, a cyber attack can affect the functionality of a medical unit

direction for days or weeks - and in the worst

ten case even paralyze completely. Individual cases in the past have

shown again and again in recent years. To review your cybersecurity

security measures are provided by the Bavarian State Commissioner for Data

schutz (BayLfD) and the Bavarian State Office for Data Protection Supervision

(BayLDA) therefore the medical facilities in Bavaria a best

Practice checklist available. Prof. Dr. Thomas Petri and Michael Will

underline: "When it comes to cybersecurity in our medical facilities,

It is not only about the special protection of patient data,

but also about the functionality of hospitals and medical practices

and laboratories in the overall structure of our healthcare system. each

defended attack is therefore a contribution to guaranteeing and strengthening

Health care in Bavaria."

Internet attacks on the healthcare system

The time when in medical institutions patient data on the

were entered on the clipboard and filed offline in a paper file,

is long gone. From registration to treatment to discharge

Your personal rights - our mission

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The Bavarian State Commissioner for Data Protection informed

sungsbrief is now almost every step of the care at the doctor

and digitized in the hospital just like the analysis in a laboratory.

But what if patient data suddenly cannot be called up,

actions can only be initiated with difficulty or the modern CT

Device only shows a black screen? In this case, a cy-

Assault on the medical facility took place at the

an attacker can use the Internet to gradually break away from the patient registration

hacked into the internal network of a facility and all files

by a so-called ransomware, in which access to the patient

data only after paying an immensely high ransom

is made unusable.

Raise barriers to successful attacks

The statement that there is no 100% protection against cyberattacks

can give may be right. However, this does not mean that it is here at all

there is no protection or every attack attempt is always crowned with success

have to be. On the contrary: it is often possible with inexpensive protective measures

an effective and often decisive hurdle can be created,

if the medical institution knows which attack paths are currently

ell be used and as doors for quick criminal success

can be tightly closed.

Concrete help through a checklist

So that medical facilities – from doctors to laboratories to Hospitals - the effectiveness of their cybersecurity measures can easily check, have the Bavarian State Commissioner for the Data Protection (BayLfD) and the Bavarian State Office for Data Protection (BayLDA) developed a best practice checklist. In form of usable by those responsible and their data protection officers Questionnaire enables the checklist to be used by medical institutions an inventory of measures and processes to ensure the availability of personal data with a view to possible cyber attacks. The checklist is therefore an important building block in the joint Bavarian prevention work against attacks from within ternet on the Bavarian healthcare system.

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The checklist can be downloaded free of charge from [www.datenschutz-bayern.de/best\\_practice\\_medizin](http://www.datenschutz-bayern.de/best_practice_medizin) and at [www.lida.bayern.de/best\\_practice\\_medizin](http://www.lida.bayern.de/best_practice_medizin).

The two Bavarian data protection supervisory authorities are thus setting the for a long time, also under the General Data Protection Regulation planning to continue on the path we have taken, above all by providing early advice Bavarian public and non-public bodies specific assistance to offer lungs.

Prof. Dr. Thomas Petri

The Bavarian State  
commissioned for data protection

Michael Will

President of the Bavarian

State Office for Data Protection Supervision

The Bavarian State Commissioner for Data Protection checks the Bavarian public

authorities ensure compliance with data protection regulations. He is from the Bavarian state parliament

elected, independent and not bound by instructions from anyone.