

SECURE YOUR FACTORY

Secure your machines in the easiest way
Stefan Mueller, Product owner

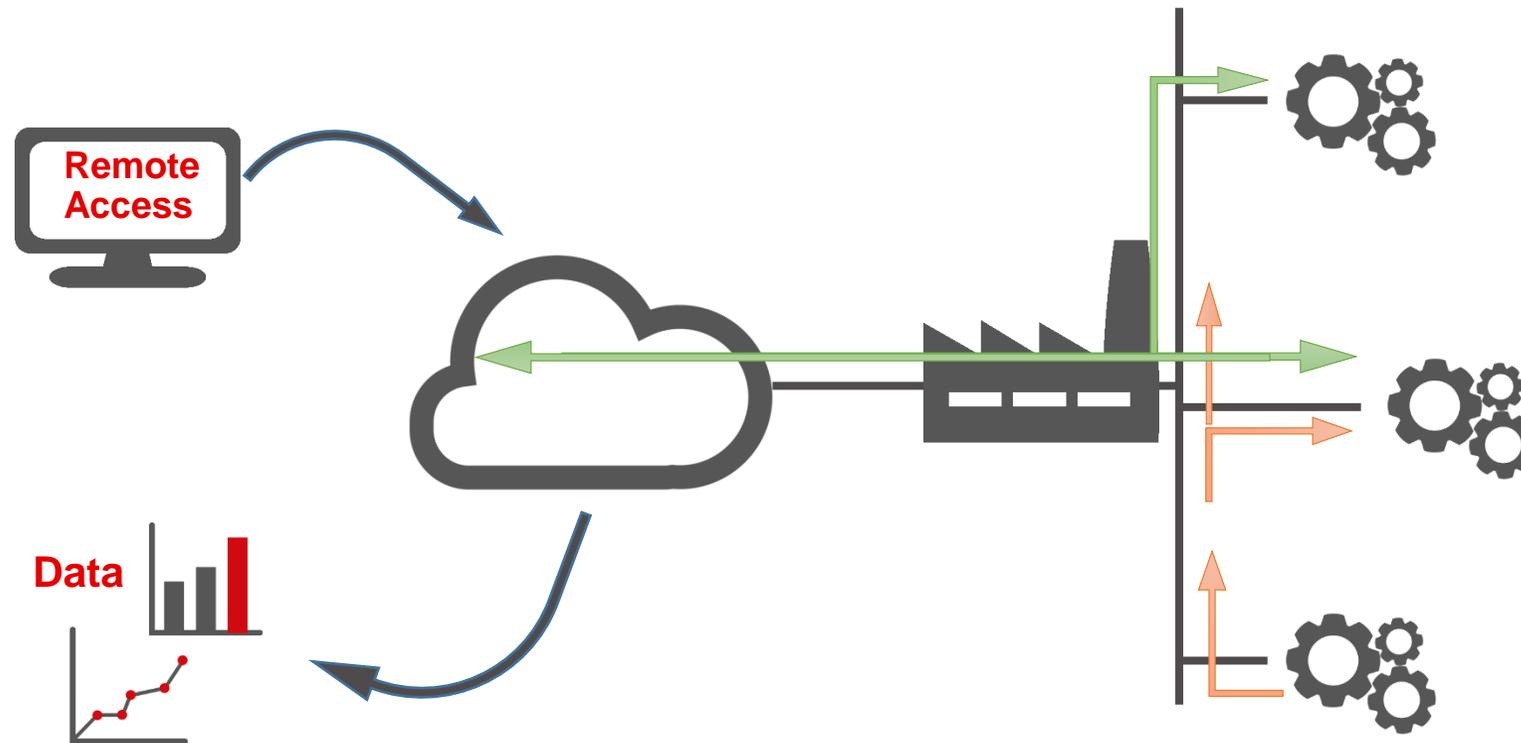
STEFAN MUELLER - MB CONNECT LINE



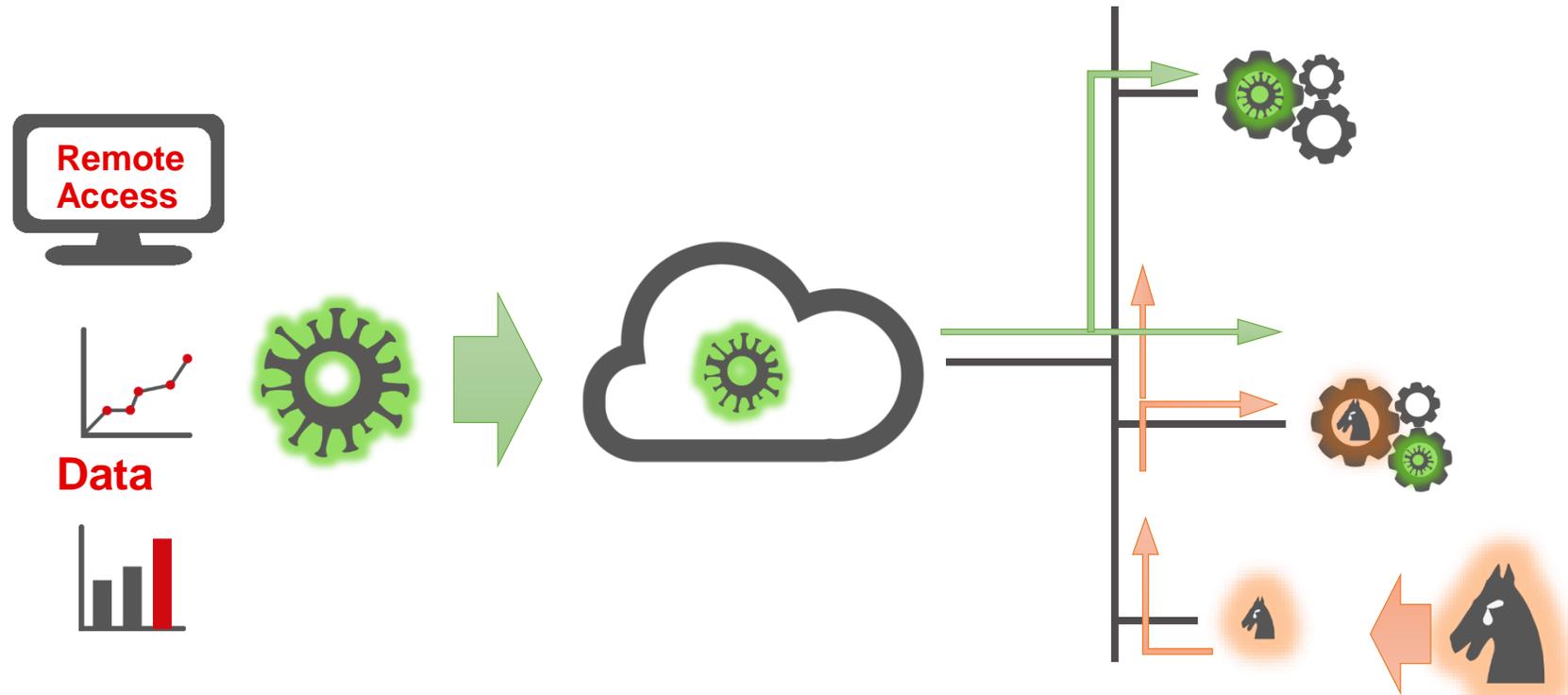
- Product owner
- Working for MB connect line since 2010
- Expert in remote maintenance and cybersecurity
- Founded in 1997
- Everything is „Made in Germany“
- MB connect line Inc. based in Warrenville, IL

TYPICAL USECASE

- Office network (IT) is connected to the production network (OT)
- Legacy ICS' (Industrial control system) are connected to the „outside world“



TYPICAL USECASE



What can be done?

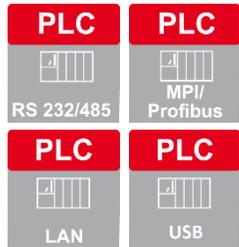
Users have the following options:

- Update the device to the latest firmware
 - > **Practice: NEVER TOUCH A RUNNING SYSTEM!**
- Enable security settings in the ICS software
 - > **Practice: NEVER TOUCH A RUNNING SYSTEM!**
- Disconnect from IT or upper network
 - > **Practice: They need the connection to the IT or the internet**
- Install a firewall right in front of the machine

Yes, the SEBRIN!



Firewall - What are the challenges?



You have no space left in your cabinet for an extra hardware



You need to find and read a lot of documentation in order to find out how the machine is „working“ and communicating

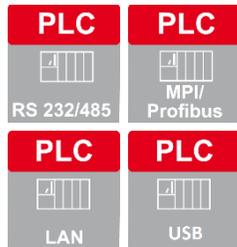


An IT expert is needed for the installation and maintenance

We present: The firewall that fits inside your pocket!



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It's pocket-sized, it can simply be placed between the interface and the cable

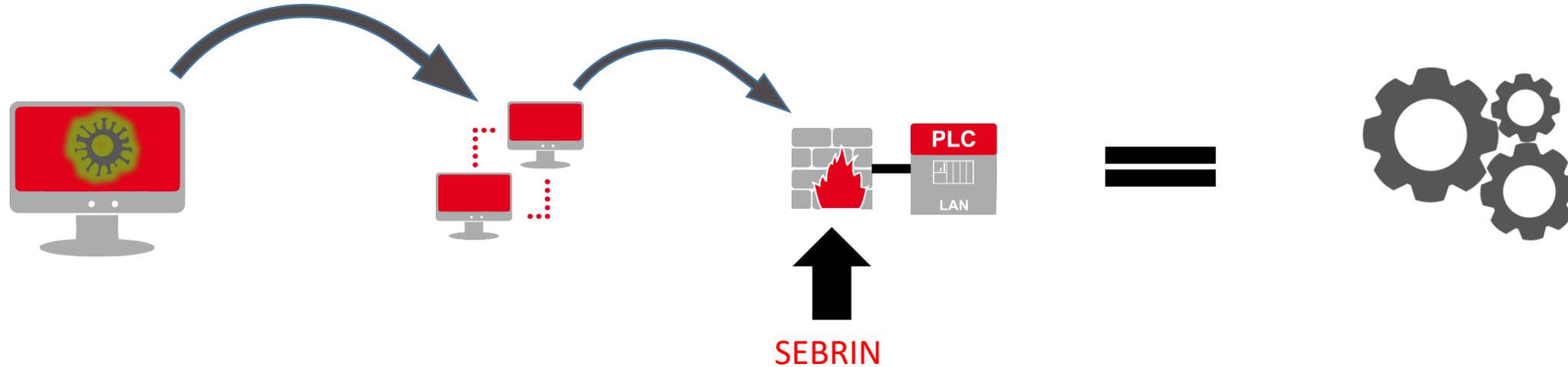


It is a self-learning device

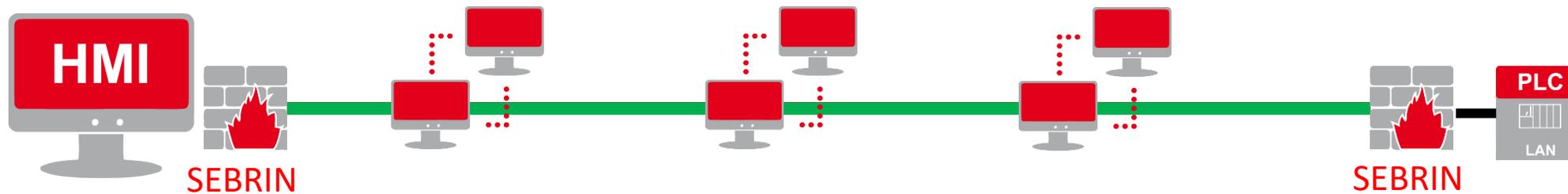


No further IT knowledge needed

Scenario #1 – Device protecting mode



Scenario #2 – Partner mode



Device protecting mode



Main protection mechanisms of a firewall included such as:

- DDOS protection
- L2/L3 packet filter



Learning mode: The device learns the current network traffic and automatically detects the manufacturer



Protective shield for every device connected to the network interface

Partner mode



Two units are getting connected through a secure network connection



No knowledge in PKI needed, everybody can install it



It's expandable, more devices can be added to the secured network

Government-funded

The German government supports this innovative project



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Secure Your Machines!

