DATEVnet Internet made Secure Security as a Service – an example

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DATEV eG

DATEVnet pro – the idea

Professional Enterprise Internet Security

for small and medium companies

(especially tax-consultants, lawyers and financial auditors)

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Future proofed, strategic plattform

for digital business processes

Minimum Business Requirements for Internet Access

- Blocking of Virus, Trojan Horses and Worms
- Up-to-date Virus Scanner
- Spam Filter

Everyone can implement this, ...

- High Availability
- Online-Update Security-Infrastructure
- Reliable Authentication
- Closing the temporal Gap for Exploits
- Blocking of Cyberattacks

... but DATEVnet offers more!

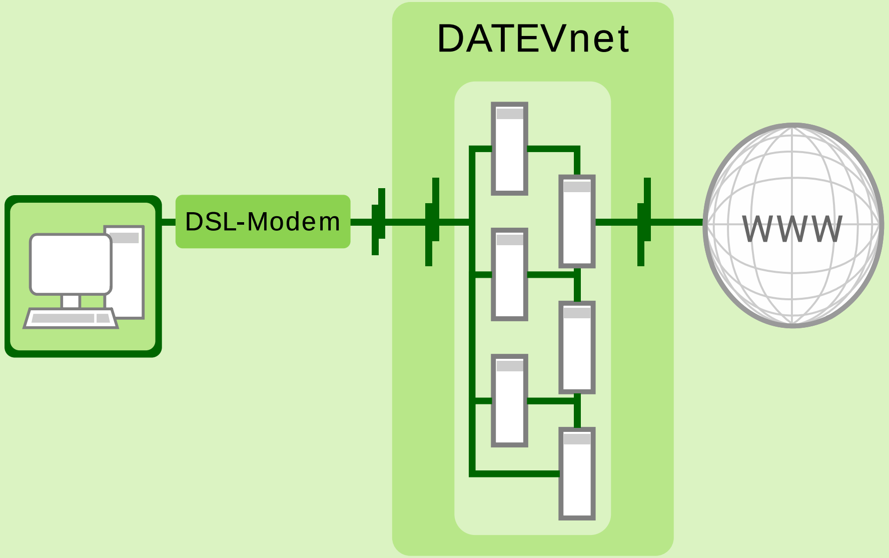
DATEVnet – The Solution

eMail

Secure Receiving and Sending of E-Mails

Secure Browsing

Central Service for Secure Internet-Browsing



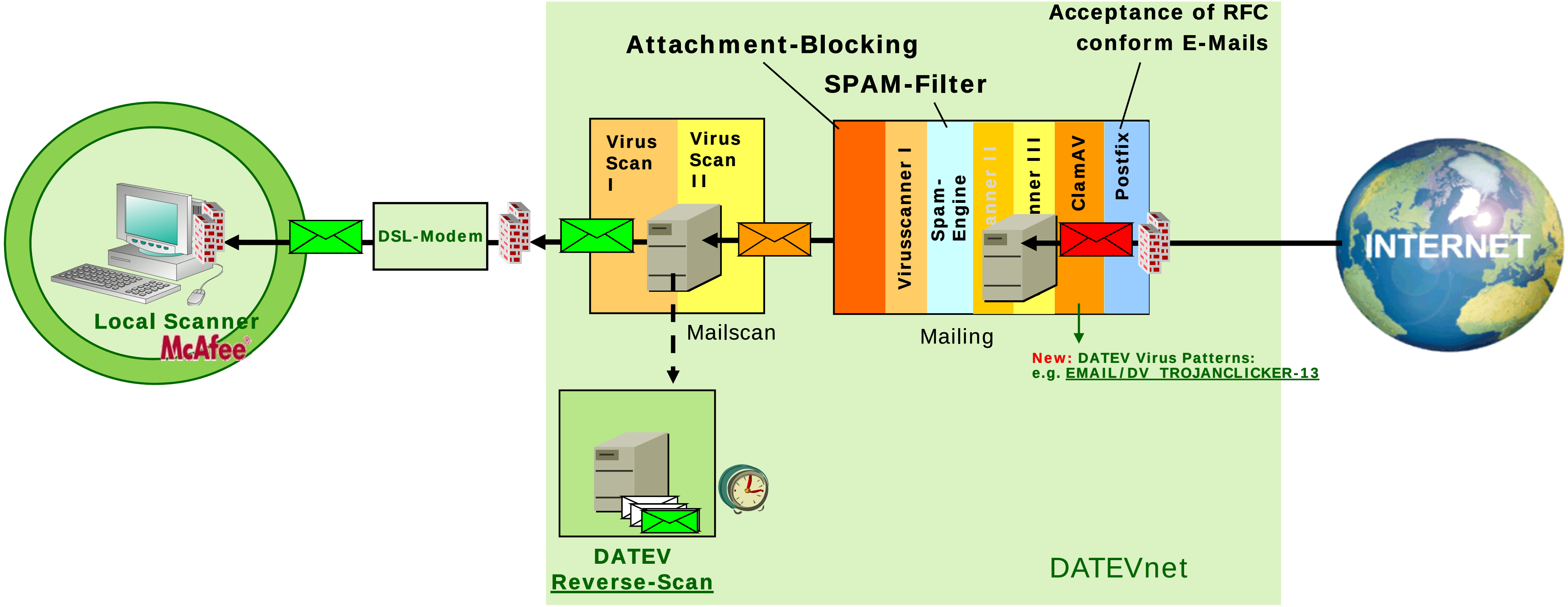
DATEVnet – The Solution

“Security as a Service” implies a continuously adaptation of our systems to changing threats

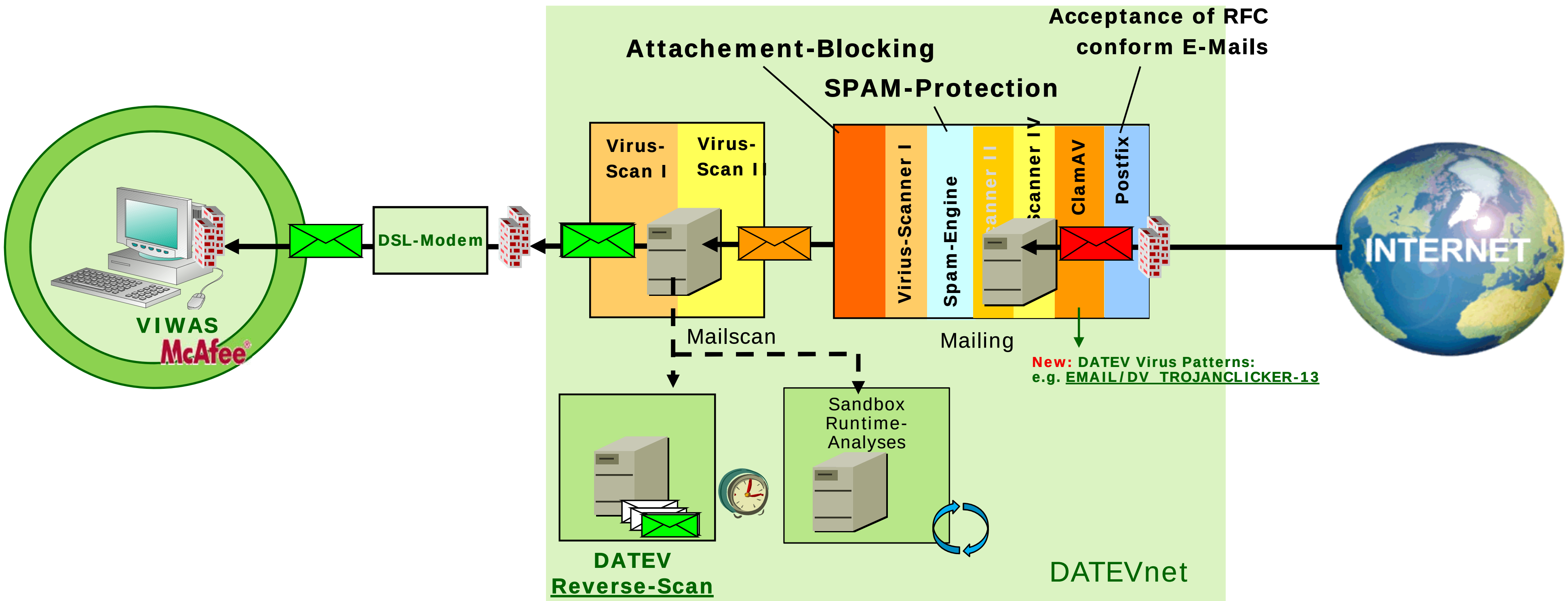
- 7x24h monitoring and updating by security experts
- Comprehensive Emergency Procedures
- Diversification
- Reverse-Scan
- DATEV Web-Radar
- „Final Solution“: switch off affected service

Secure E-Mail

Reverse-Scan

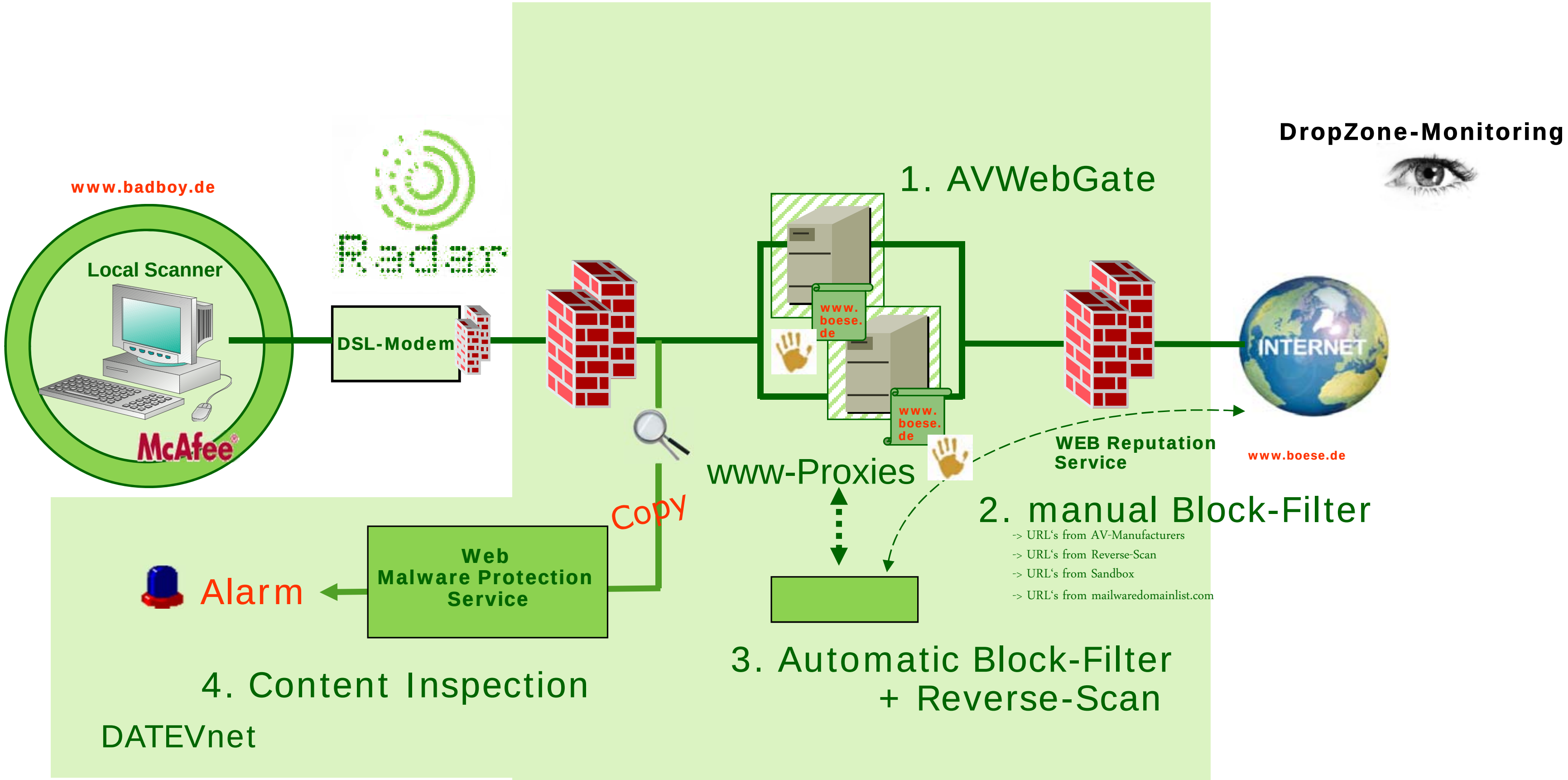


DATEV E-Mail Security
Planed Enhancement



Secure Surfing

Web-Radar



DropZone-Monitoring

1. AVWebGate

www-Proxies

WEB Reputation Service

2. manual Block-Filter

-> URL's from AV-Manufacturers
-> URL's from Reverse-Scan
-> URL's from Sandbox
-> URL's from mailwaredomainlist.com

Copy

Web Malware Protection Service

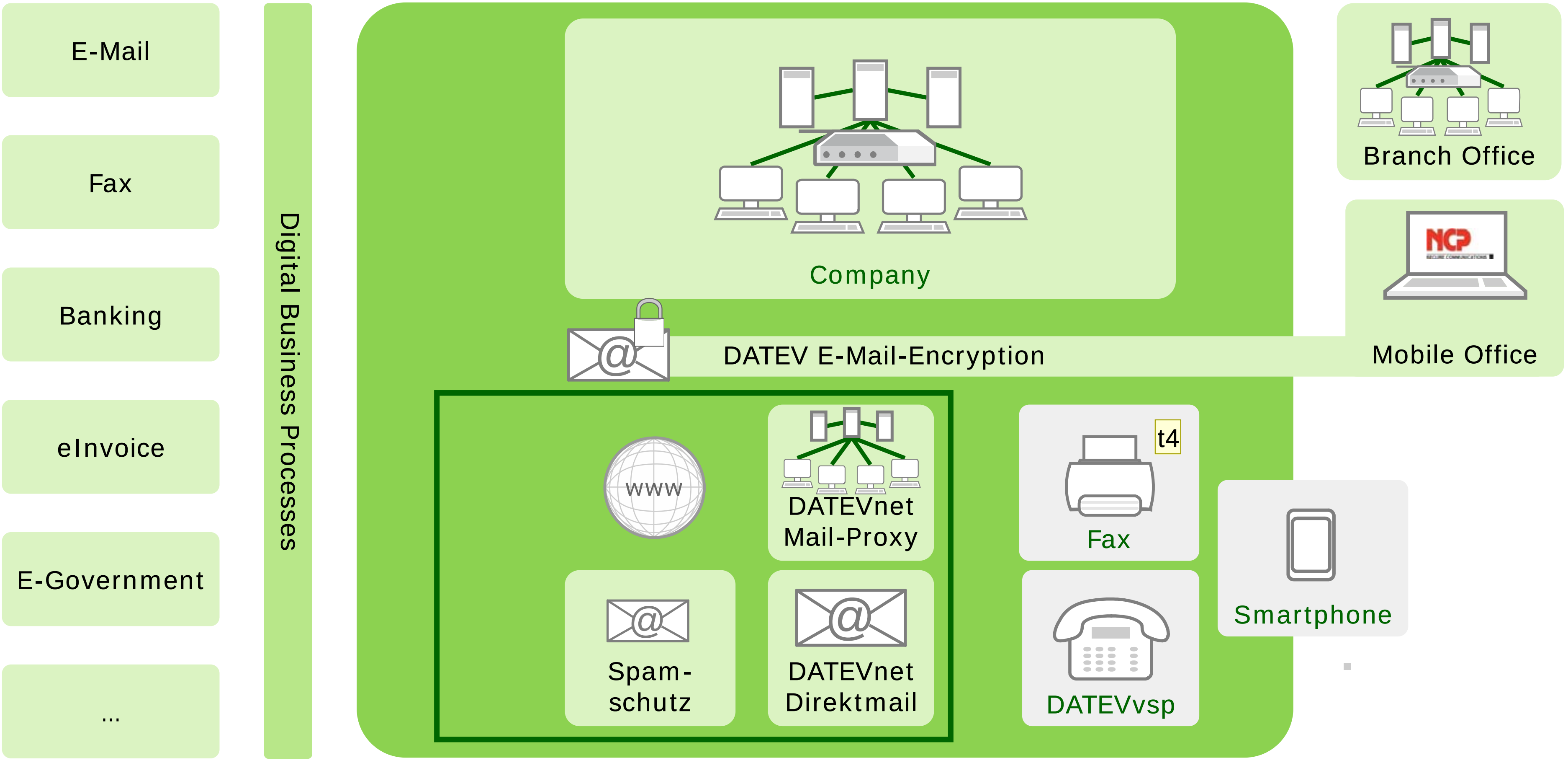
Alarm

3. Automatic Block-Filter
+ Reverse-Scan

4. Content Inspection

DATEVnet

DATEVnet pro – digital business processes



Folie 9

t4 Warum auf einmal deutsche Begriffe?

t08313a; 11.03.2013

DATEV

Shaping the future – together.

DATEV E-Mail security
Highlight DATEV Reverse-Scan

Challange to Security Systems:

- New security threats, yet unknown future security threats cannot be recognized.
  Only for a short time a security gap exist.
- Danger of new generations of vira: often user do not notice an infection.

Solution: *DATEV Reverse-Scan*

- All delivered e-mails are copied to an (invisible) buffer.
  All copies are checked subsequent for 12 hours with the latest virus scanners.
- When a virus, worm or trojaner is detected, DATEV informs all users immidiately.
- Links pointing to harmfull content will be blocked.

DATEV Internet Security
Highlight DATEV Web-Radar

The Challenge:

- Visits to manipulated websites
- The risk of malware gaining access to the workstation unnoticed while the user surfs the web is high (drive-by download).

The Solution: *DATEV Web-Radar*

- Known websites with dangerous content are blocked.
- A system consisting of various components:
  - Active Protection → Virus Scanning
  - Prevention → Blockfilter, manually and automatically
  - Quality Assurance → Traffic- and log analysis of webtraffic inclusive reverse-scan for all visited websites
  - Active Information