secure.
simple.
open.
clever.

The e-mail security and groupware of the future

Attacks from the Internet are increasing daily - and e-mail is the most important gateway for malware of all kinds.

The dangers are manifold - and no longer only affect global players!

Small and medium-sized companies and public administrations are also increasingly becoming the focus of cybercriminals, and Germany is already coming up with various innovative approaches to counter these dangers.

groupios is our own unique approach: As part of an email and groupware security solution, we combine the protection of a **security gateway** with **easy-to-use groupware** - supplemented by a **multi-client-capable administration console**.

groupios is 100% GDPR-compliant and "Made in Germany".

DSGVO
konform

Multiple dangers - one solution: groupios!

66 Percent
of spam are
cyber attacks;
34 % of these are
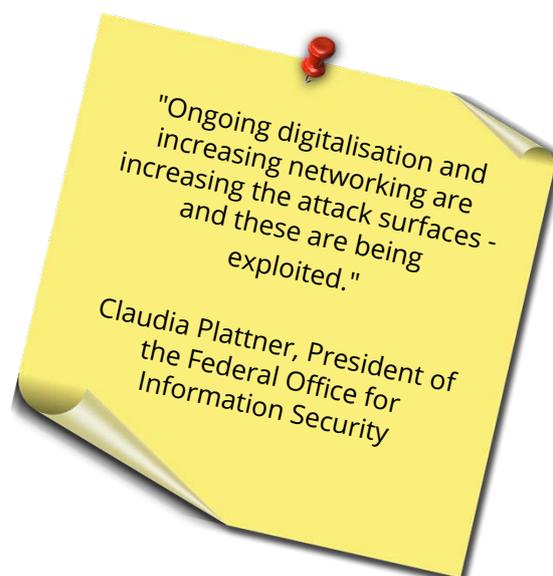blackmail emails,
32 % fraud emails.

84 Percent
of all fraudulent
emails are phishing
mails designed to steal
users' authentication
data.

775 E-Mails
with malware are
intercepted on
German
government
networks per day.

Source: BSI Report „Die Lage der IT-Sicherheit in Deutschland 2023"

This means that email remains the most important target for cybercriminals - but with - but with groupios you protect yourself from...

...data loss and
data theft...
...financial losses...
...loss of reputation...
...operational
disruptions... ...extortion
and ransomware...
...Attacks on critical
infrastructures...
...and more...

"Ongoing digitalisation and increasing networking are increasing the attack surfaces - and these are being exploited."

Claudia Plattner, President of the Federal Office for Information Security

Know-How from Germany

groupios is **"Made in Germany"** - or rather **"Made in Schleswig-Holstein"**, as it was supported from the outset by WTSH Wirtschaftsförderung und Technologietransfer Schleswig-Holstein GmbH.

This is why TUXGUARD has developed groupios:

The security of your data is our greatest asset. We understand that. But we also recognise the problems of modern working life: in many places there is a lack of time and personnel. Against this backdrop, important security aspects were often simply ignored in the past due to increasing complexity.

Our conclusion: To fulfil its purpose, security software must above all be easy to use and manage.

groupios fulfils this requirement - and thus makes daily work easier for users and administrators.

With gateway, groupware and administration console, we make e-mail a secure means of communication again.

secure.
without
exceptions

The Gateway

The open source-based software solution groupios includes an email **security gateway**, i.e. an SMTP proxy that acts as a filter system and provides efficient protection against spam, malware, ransomware and phishing.

Security features for your E-Mail-Traffic

SMTP server, offers the integration of authentication, anti-spam and anti-virus solutions through a modular software system.

A **web server** is used to provide websites and web applications; offers functions for configuration and expansion; is used as a reverse proxy.

Open source tool provides **SSL/TLS certificates** for web servers, facilitates the encryption of all data transfers.

Identity and access management; allows users to log in once and then seamlessly access a wide range of services.

Spam filter and e-mail security solution; analyses all e-mails for malware and keeps unwanted messages out of the inbox.

Open source antivirus program; specialises in malware scans; detects and removes malicious software.

Open source directory service; used to store user data and network configurations, for example.

Powerful open source database management system; provides advanced data integrity and data management features.

Relational database solution with high performance and impressively consistent reliability.

simple.
a child's game

The Groupware

The **Extended Groupware Application**, EGA for short, offers familiar functions such as calendar, notes and contacts. Various security features such as end-to-end encryption reliably protect data traffic.

**From the server access data to the content of the emails,
all information at groupios remains within
the scope of the GDPR.**

**An un uncontrolled outflow
of data to third countries does not take place.**

Convenience features for digital working

At a glance	Features	Clients
Autodiscovery function	E-Mail, Calendar	WebApp
with a view to hosting environments developed and highly designed for high performance	Contacts, Notes	MS Outlook® (from 2016, incl. MS 365)
	Tasks	
	shared Folders	native, no AddOns or PlugIns
large user numbers with multiple clients possible without any problems	Alias for Users and Domains	IMAP/POP3 Clients (f. e. Mozilla or Thunderbird®)
Completely new code base (under development since 2021)	extended global address book via multiple domains of a organisation	Mobile devices via ActiveSync (V 16.2.)
Data remains at all times user-related		

open.
new horizons
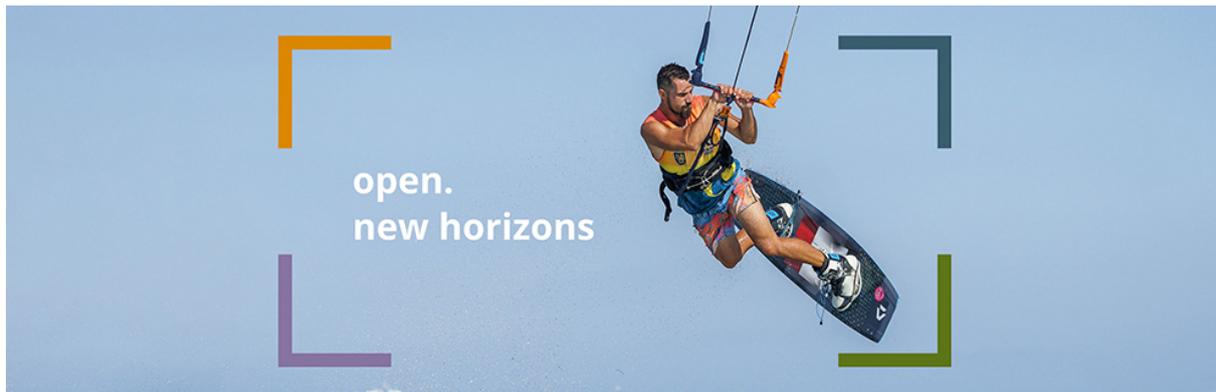
The multi-client administration console

The groupios multi-client capability is unique. Administrators have access to a wide range of tools in just one dashboard, i.e. a clearly organised console, which makes it easy to manage even widely branched and even international IT architectures.

New clients can be created easily, hierarchical structures can be set up with their own administrators and customised security rules can be assigned. The comprehensive reporting tools provide a real-time overview.

Administration made easy

With groupios the administrator has thanks to a **comprehensive reporting** at any time full overview of countless communication channels, branched networks and complex structures.

Server resources such as **memory, storage and CPU cores** can be allocated efficiently. Individual rights can also be assigned to all clients.

In groupios' GDPR-compliant system, **a client's data is completely isolated** from the data of other clients. One client cannot access the data of another in the same instance.

The multi-client capability proves to be **extremely cost-efficient**, as the administrator only has to perform maintenance and updates once for all clients.

Comprehensive protection: The groupios Suite

Email Security Gateway, Extended Groupware Application and the Admin Dashboard are used together as the groupios Suite for optimum security, but can also be integrated into existing systems independently of each other. groupios can be operated both on premises and in your own data centres.

Do you have any questions? Please contact us!

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Visit us on www.groupios.com!

About TUXGUARD
TUXGUARD GmbH has stood for IT security "Made in Germany" for over two decades. A team of innovative developers develops customised cybersecurity infrastructures that are, of course, GDPR-compliant and free of backdoors. Threats are recognised at an early stage and eliminated immediately. TUXGUARD's optimally harmonised portfolio, based on the revolutionary Intelligence Cyber Management (ICM) technology, connects people and technology and offers reliable protection of sensitive data against any threats from the network.