






**Schnell, schön, sicher:  
Technische Konzeption und Betrieb sicherer  
E-Commerce Systeme**

Ing. Anna Völkl, BSc MSc

-  Software Entwicklung seit 20 Jahren
-  E-Commerce mit Magento seit 10 Jahren
-  Ferdinand Porsche Fern-FH: E-Commerce Systeme, Software Reengineering



**E-CONOMIX**  
THE E-BIZ GROUP ■■■■

WE ARE THE GROUP

 **E-CONOMIX**<sup>®</sup>  
THE E-BIZ ARCHITECTS ■

 **CYBERHOUSE**  
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 **LEMONTEC**  
DIE WEBAGENTUR FÜR IHREN ERFOLG

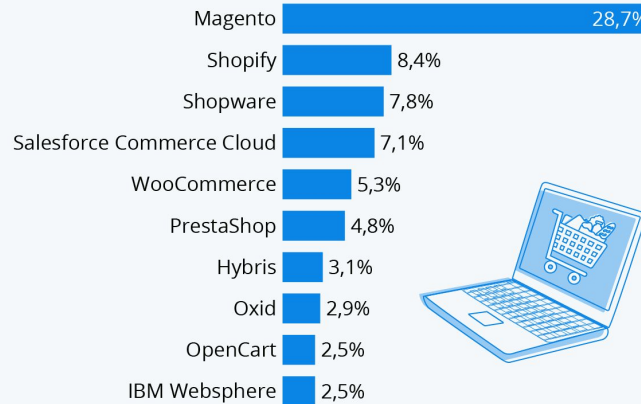
**DATAREPORTER**  
COMPLIANCE MADE EASY

 **KlickImpuls**



## Magento Nr.1 in stark fragmentiertem Markt

Weltweiter Marktanteil von  
E-Commerce-Plattform-Anbietern bei Onlineshops



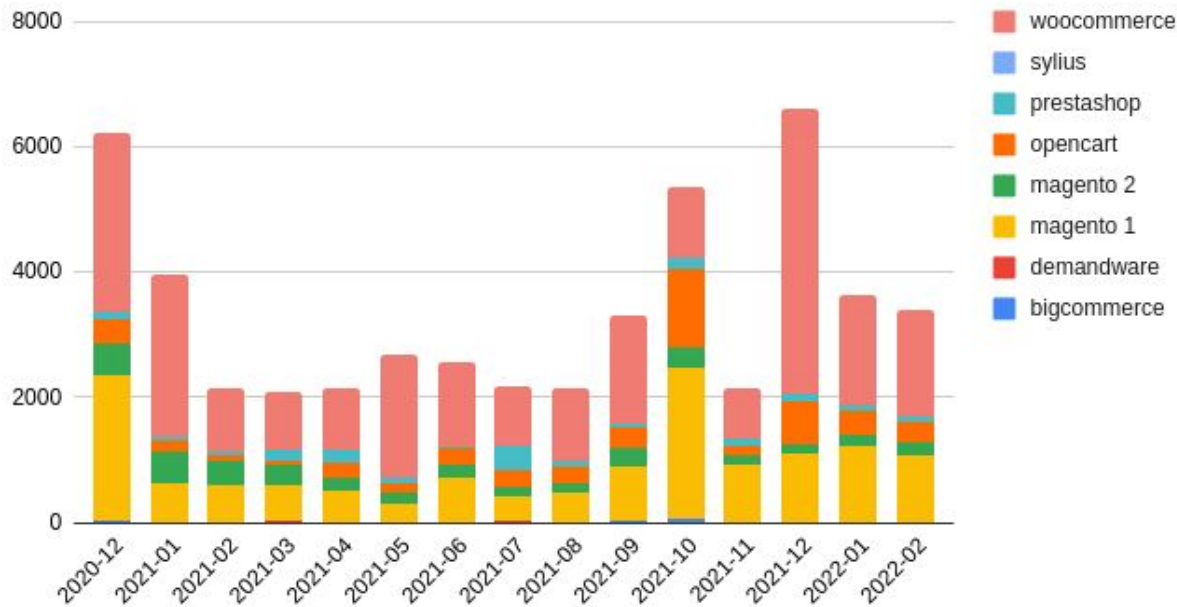
Basis: 12.419 Onlineshops (davon 3.072 aus Deutschland) in 50 Ländern  
Quelle: ecommerceDB.com

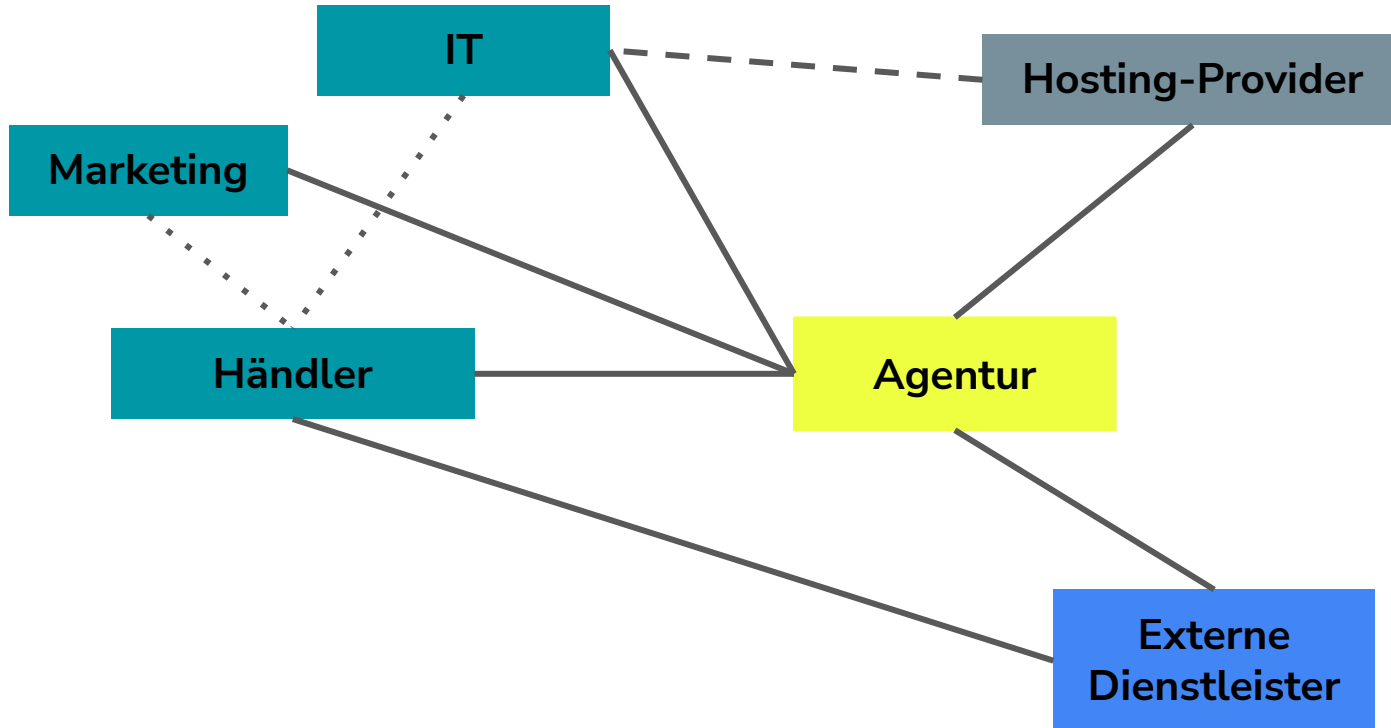


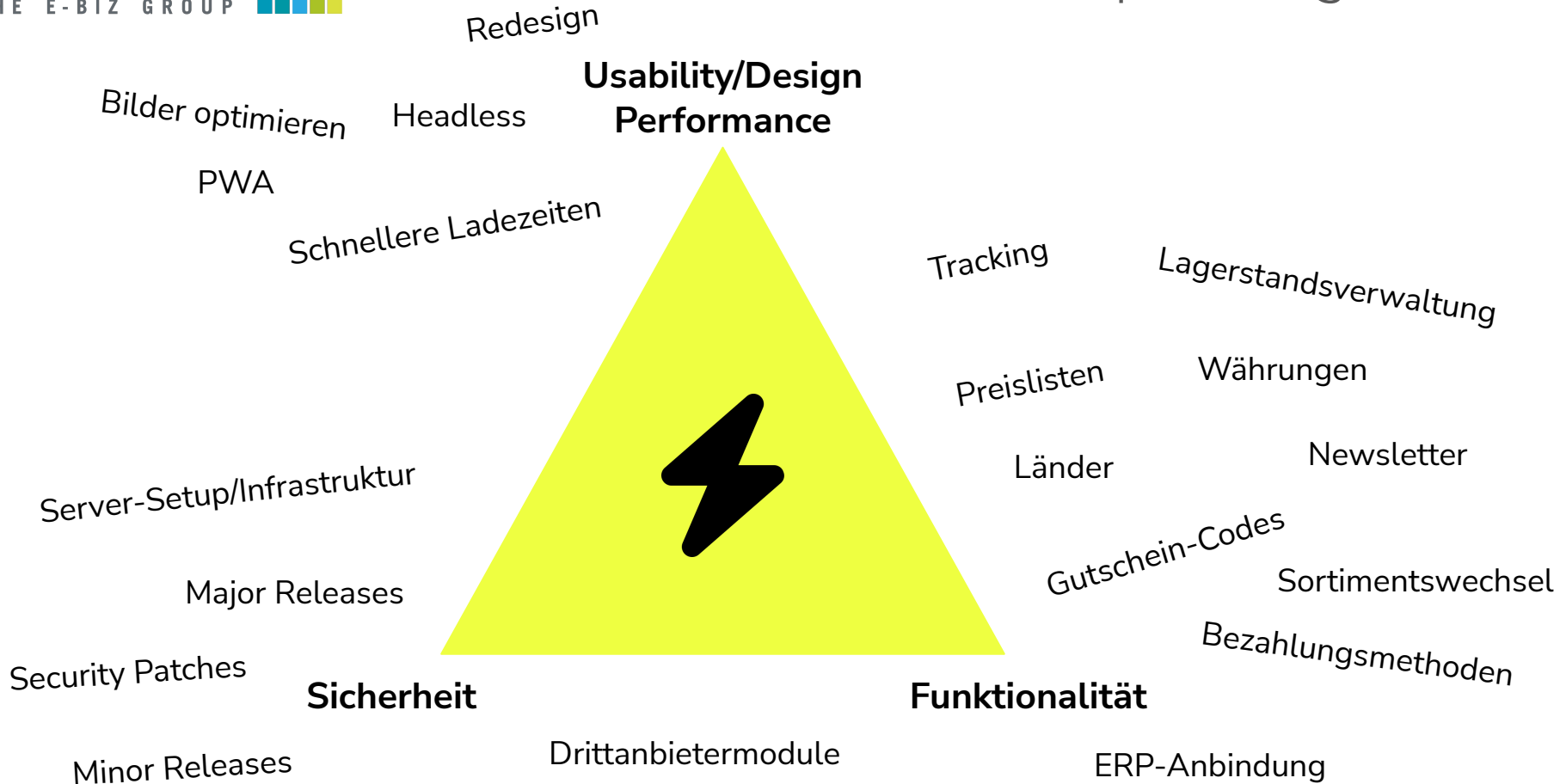
Quelle: Magento Nr.1 in stark fragmentiertem Markt (Statista, 2020)

<https://de.statista.com/infografik/22209/weltweiter-marktanteil-von-e-commerce-plattform-anbietern-bei-onlineshops>

eCommerce platform breaches per month - Sansec

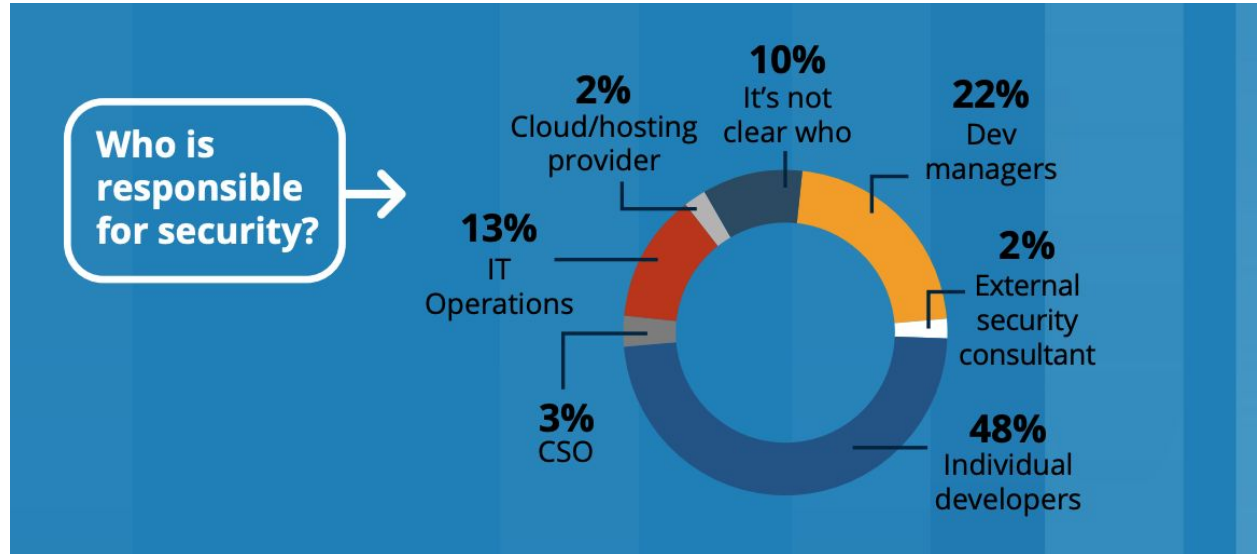






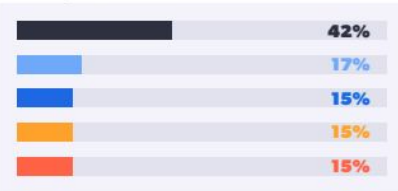


- Infrastruktur & Zugriffe klären  
(Systeme, User,...)
- Ablauf für Security Patches, Major- und  
Minor-Versionen in der Angebotsphase  
besprechen
- Den Händler für Security sensibilisieren  
- Vorbild sein!
- Passwort-Sharing: One-Time Secret

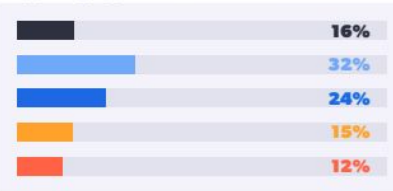


## What are your current development priorities?

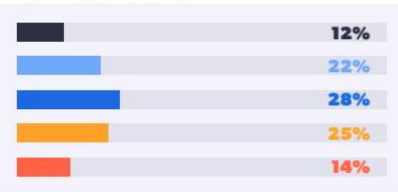
### Building New Features



### Improving Application Performance



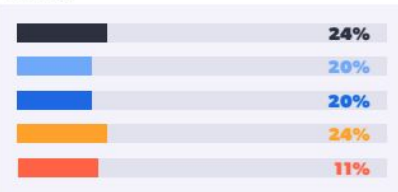
### Improving Code Quality



### Deployment Automation



### Security



Quelle: 2021 PHP Landscape Report (Zend)

<https://www.zend.com/resources/2021-php-landscape-report>

# DevOps




# DevSecOps

Development

Security

Operations

## Plan & Develop

-  (Very) Secure Defaults
-  Passwortmanager
-  Secure Coding & Code Review
-  Dependency-Check

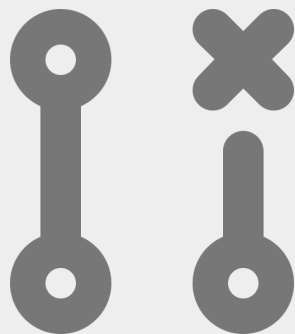
## Build & Test







## Release



## Plan & Develop



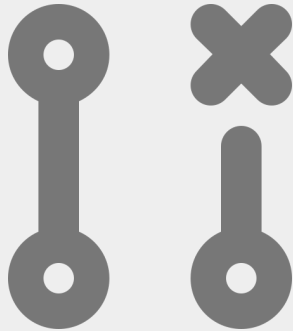
## Build & Test

-  Static Application Security Testing (SAST)
-  Dynamic Application Security Testing (DAST)
-  Coding Standards Check
-  Secrets Detection

## Release



## Plan & Develop



## Build & Test



## Release

-  Automated Security Scanner
-  Web Application Firewall
-  Security Audits

- Modul-Hersteller fordern SSH + Webshop Admin Zugriff auf den Live-Webshop an
- Oft keine isolierten Test-Umgebungen, um Fehler zu reproduzieren
- Live-Zugangsdaten via E-Mail/Plaintext

Hello there,

Please provide the following information so that we can look into the issues which you are getting :

SSH host - URL or IP of the site :

Test URL of the site :

SSH Username :

SSH Password :

SSH Port:

Magento Admin URL :

Magento Admin Username :

Magento Admin Password :

Hello,

i can not give you any credentials to the live server in order to have a look.

## Release schedule

Adobe releases security and functional patches for each supported release line of Adobe Commerce and Magento Open Source.

The following table provides the dates for scheduled releases (dates are subject to change):

RELEASE	VERSIONS	ADOBE COMMERCE BETA	ADOBE COMMERCE PRE-RELEASE	ADOBE COMMERCE & MAGENTO OPEN SOURCE GENERAL AVAILABILITY
March 2022 Feature + patch release + security patch release	2.4.4 2.4.3-p2 2.3.7-p3	October 2021 and ongoing	March 29, 2022	April 12, 2022
April 2022 Feature release	--	--	--	April 26, 2022
June 2022 Feature release	--	--	--	June 21, 2022
August 2022 Feature + patch release + security patch release	2.4.5 2.4.4-p1 2.4.3-p3 2.3.7-p4 <sup>1</sup>	--	July 26, 2022	August 9, 2022
October 2022 Feature + security patch release	2.4.5-p1 <sup>2</sup>	--	September 27, 2022	October 11, 2022

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