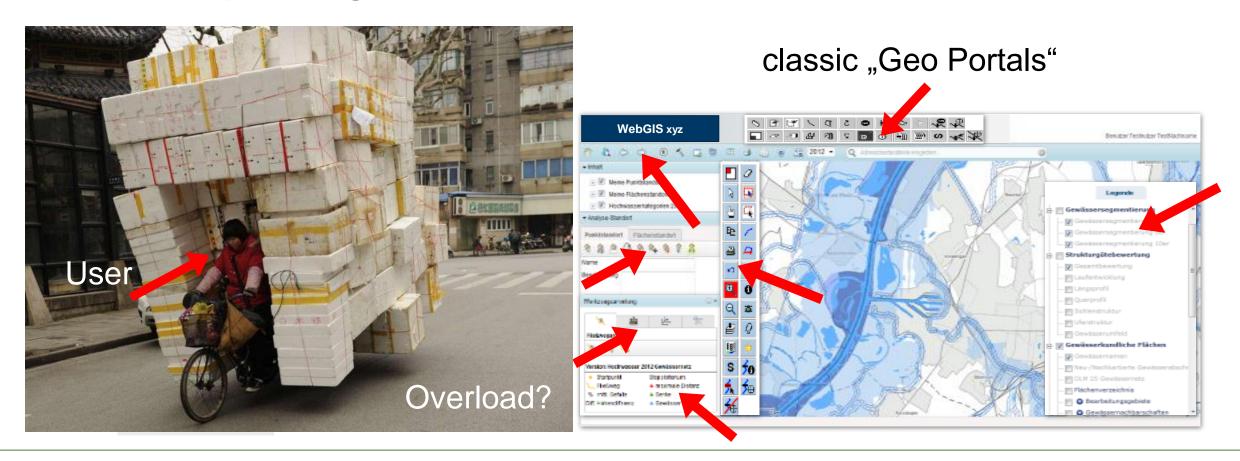


Our (digital) world has changed.... ...and so the (digital) geo-spatial world!

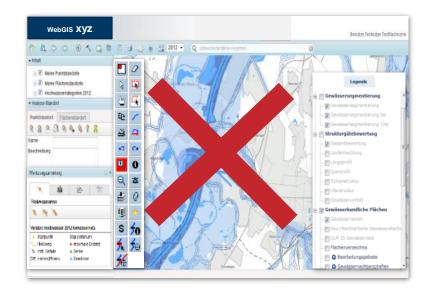
In the past:

Few large systems organize the information infrastructures in Public and Enterprise Organizations



The Goal: Create focussed apps

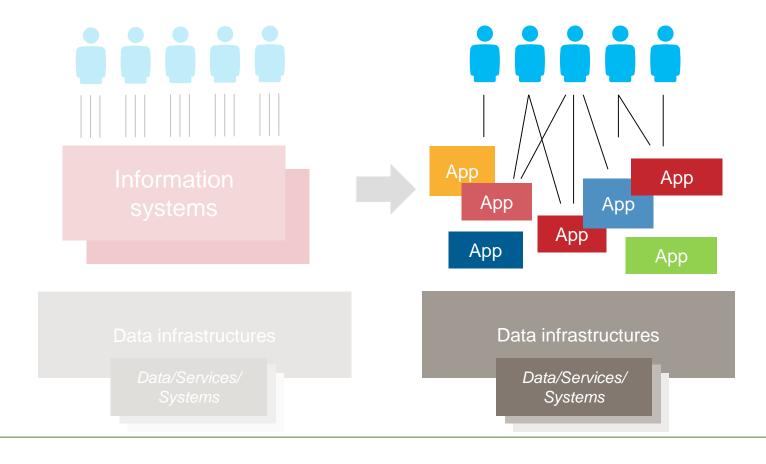
• ...instead of one fat client



Central Operational Environment



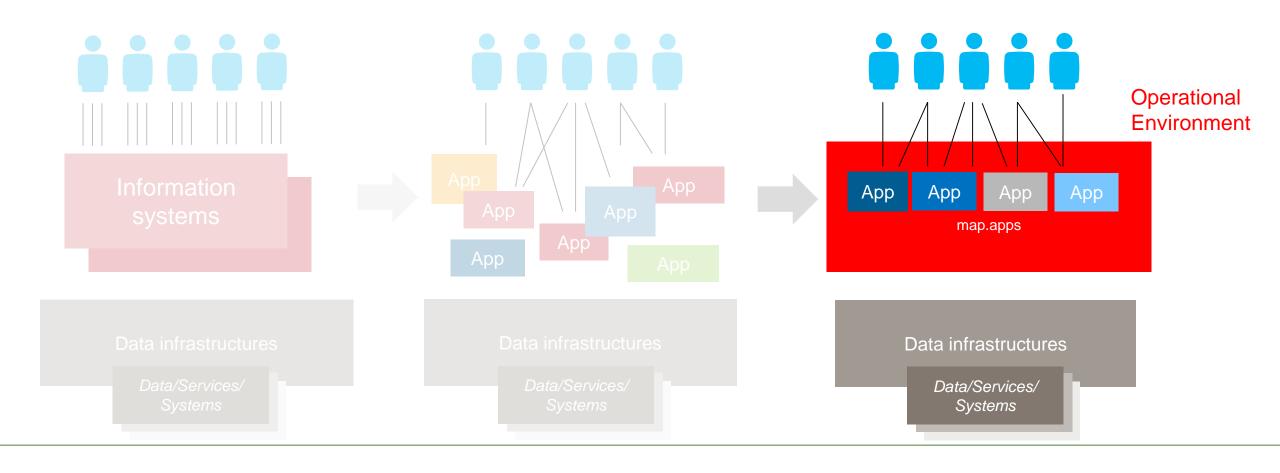
Today... Purpose-Driven, Simple, Easy-To-Use Apps



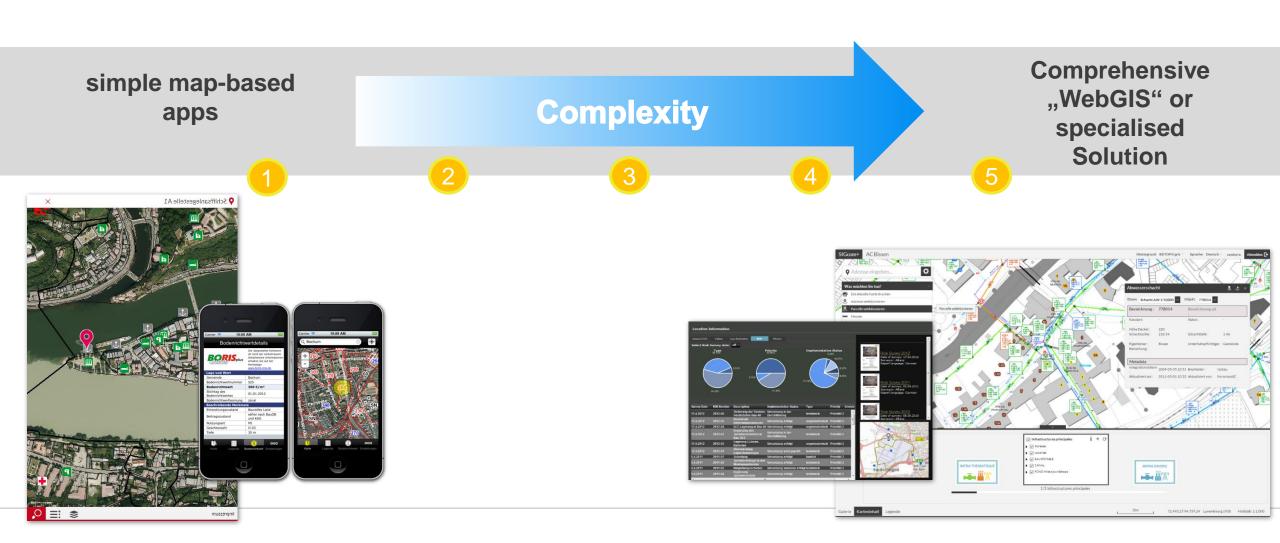
Challenge:

In enterprises, many purposes may lead to potentially many apps!

Implementation of Enterprise Systems as multiple, managed and interconnected **Apps in a Single Operational Environment**



Geo-apps can be...





Aspects of geo-apps

- Focused
- Clear & Concrete
- Simple & smart
- Flexible & intelligent
- Fast

- > Running as a Web App in the browser!
- > JavaScript
- > HTML 5



Example: Simple & smart: "How to provide map content?"

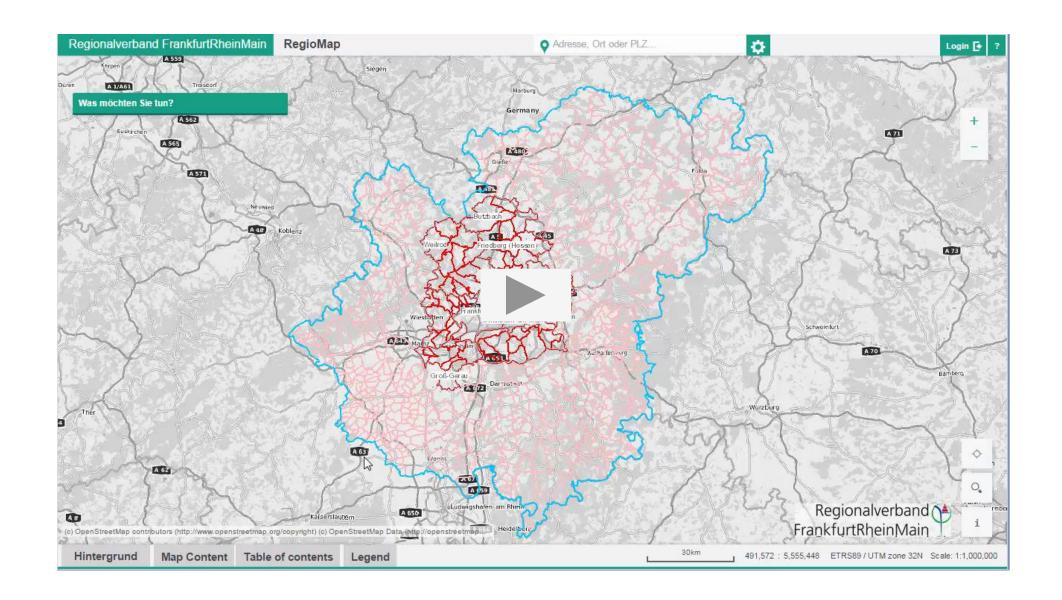
This way?



...or this way?



 $\rightarrow \underline{\text{Link}}$



For public apps: "Single Topic Maps"!

"Single Topic Maps":

> focused apps, which show one (or just a few) topics

Embed them into websites

> Example: "city parking" map, embedded as a small widget in a city's website

Easier to find in search engines

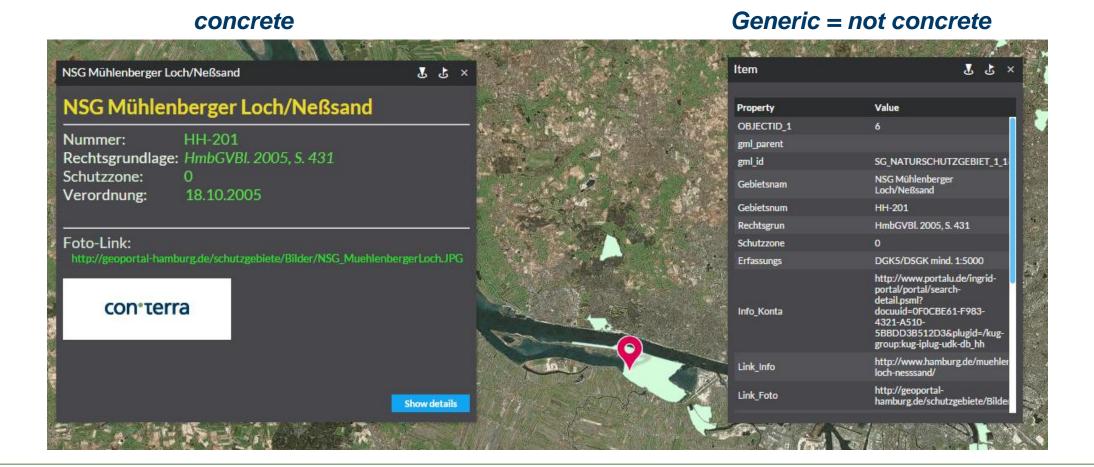
> ...in comparison to just one of many data layers in a big Portal





Example: Concrete & preconfigured

Provide only the necessary and usefull information

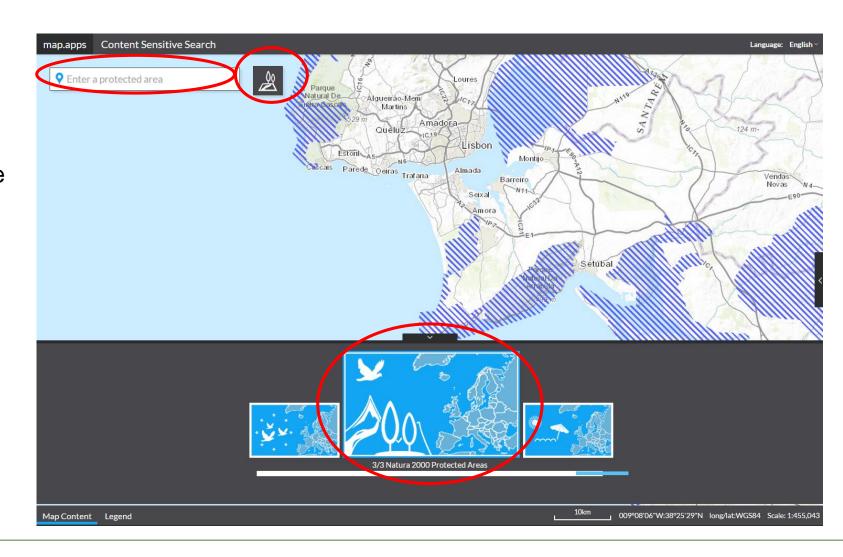




Example: Intelligent Behavior

- dynamic tools (Tool Rules)
 - > Display of tools depends on the selected map theme
 - > Intuitive use
 - > Highly configurable

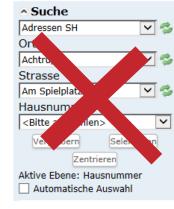
> demo

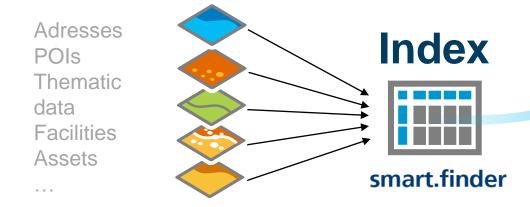


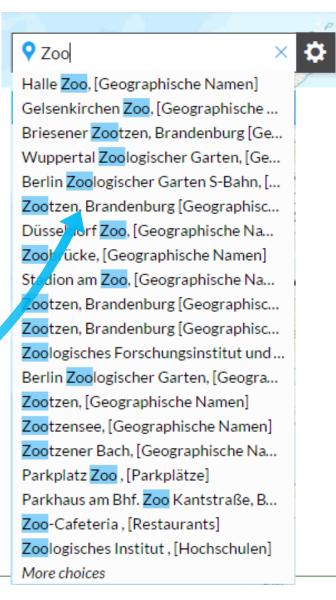
Example: search

Provide easy and "state of the art" search options

- Fast, Auto complete, "google-like"
- Use indexing instead of server requests!

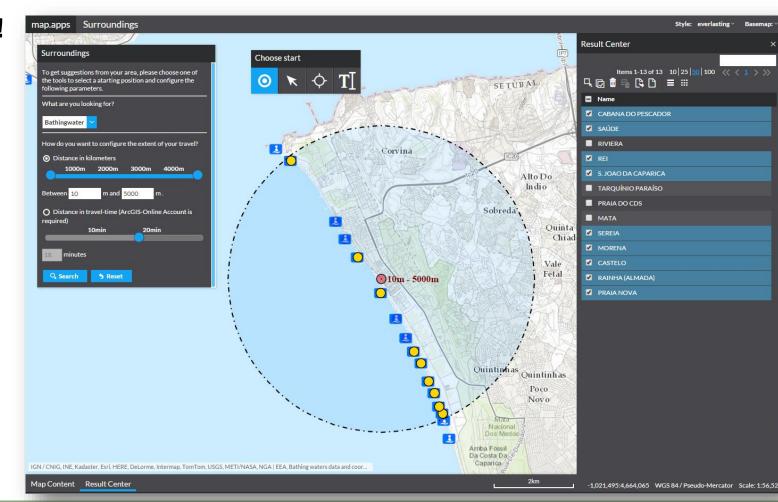


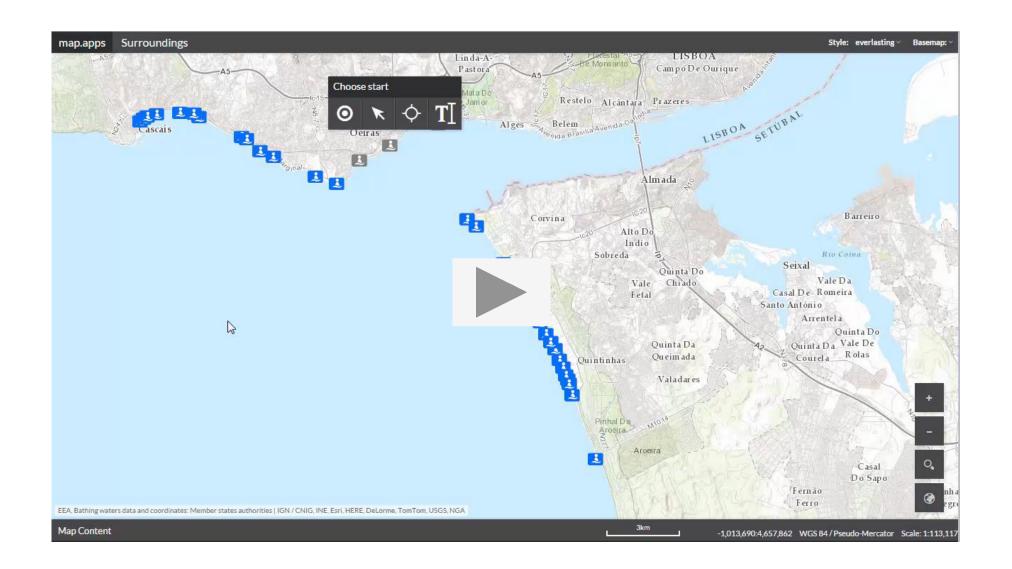




Example: search and select: non generic but concrete

- Focussed apps reduce clicks!
- "3 clicks to susscess"!







Smart & focused does not mean: "less functionality!"

- Create easy to use apps!
- ...even if the tasks are complex!
 - > Deeply think about the problems, your users have to solve!
 - > What do your users really need? And what don't?
 - > Don't leave them alone with the solution workflow!

...that can be hard work!



map.apps - core Characteristics of a modern "app platform"

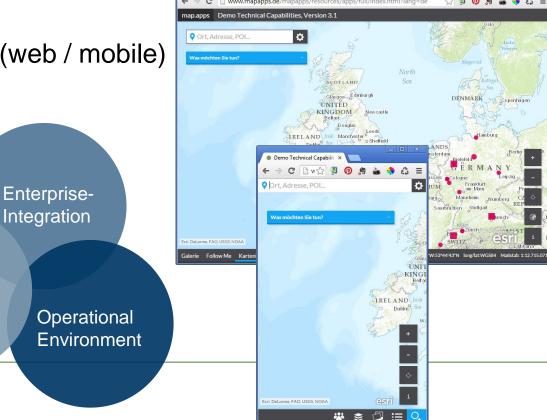
map.apps is a development toolkit and operational environment for geospatial apps and enterprise-level solutions

Toolkit

<u>Toolkit</u> for easy creation of Solutions and Geo-Apps (web / mobile)

Centralised <u>Operational Environment</u> for efficient
IT operation of multiple Apps for various purposes

Enterprise-ready and easily integrated

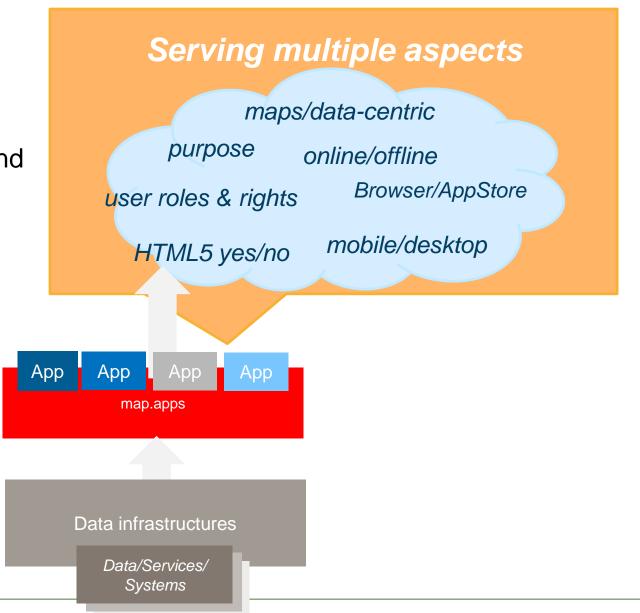


Serve multiple aspects from a single system

 Supports many possible different facets of apps from one hand

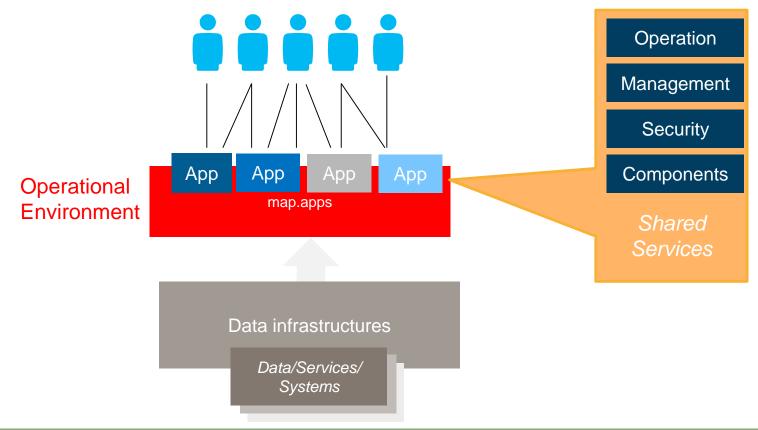
Operational

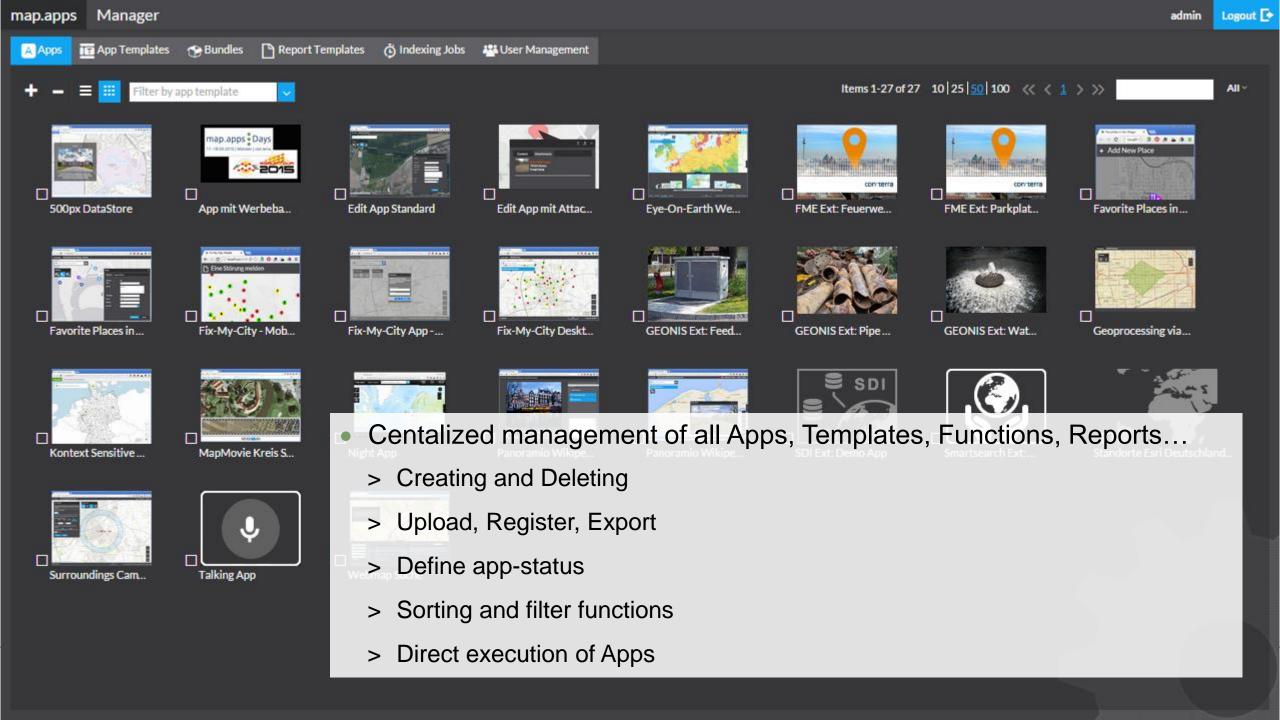
Environment

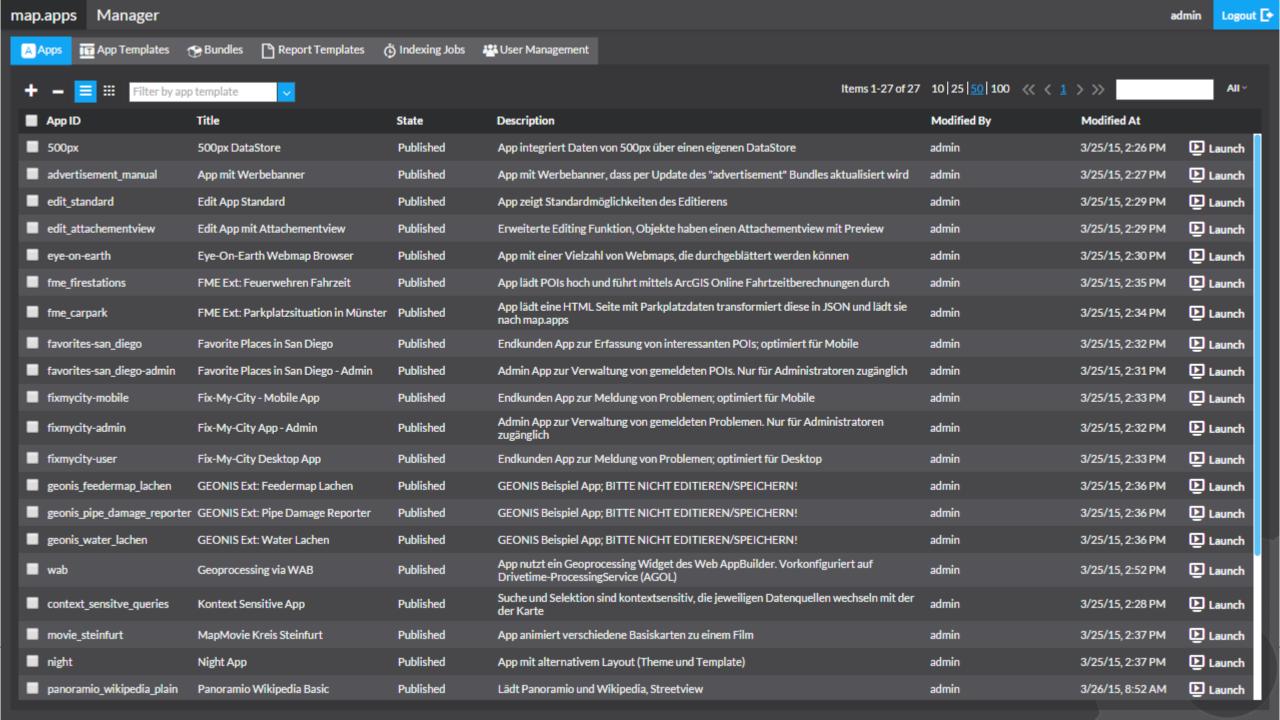


Shared services and components across all apps

 configuration, mangement, security, versioning, integration and interaction with business systems

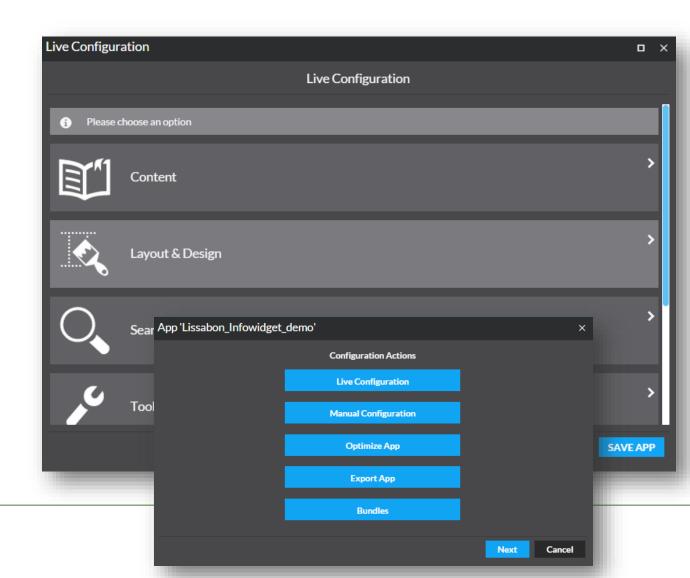






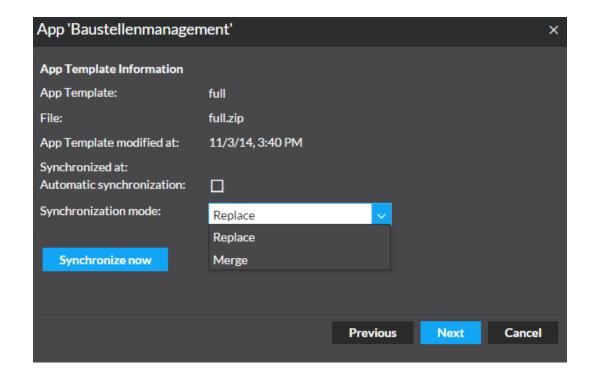
Easy configuration of apps

- Easy WYSYWG tools
- Using pre-built App Templates
- Easy entry points for advanced script configuration
- → fast creation process for apps



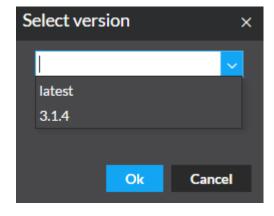
Easy updating of apps

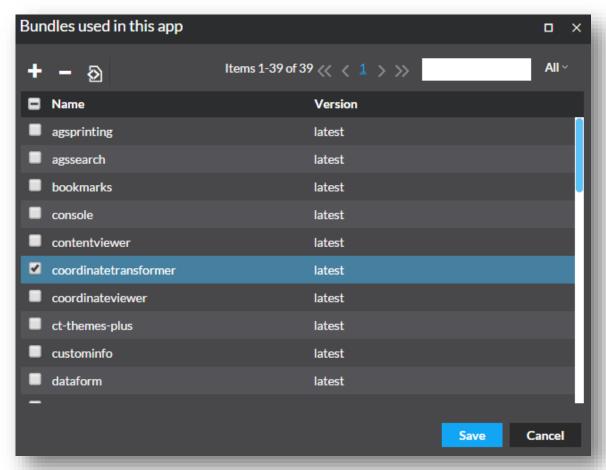
- Automatic update
- Synchronisation / live-link between templates and apps
- Individual configurations can be
 - > replaced
 - > Merged
- → efficient maintenance of apps!

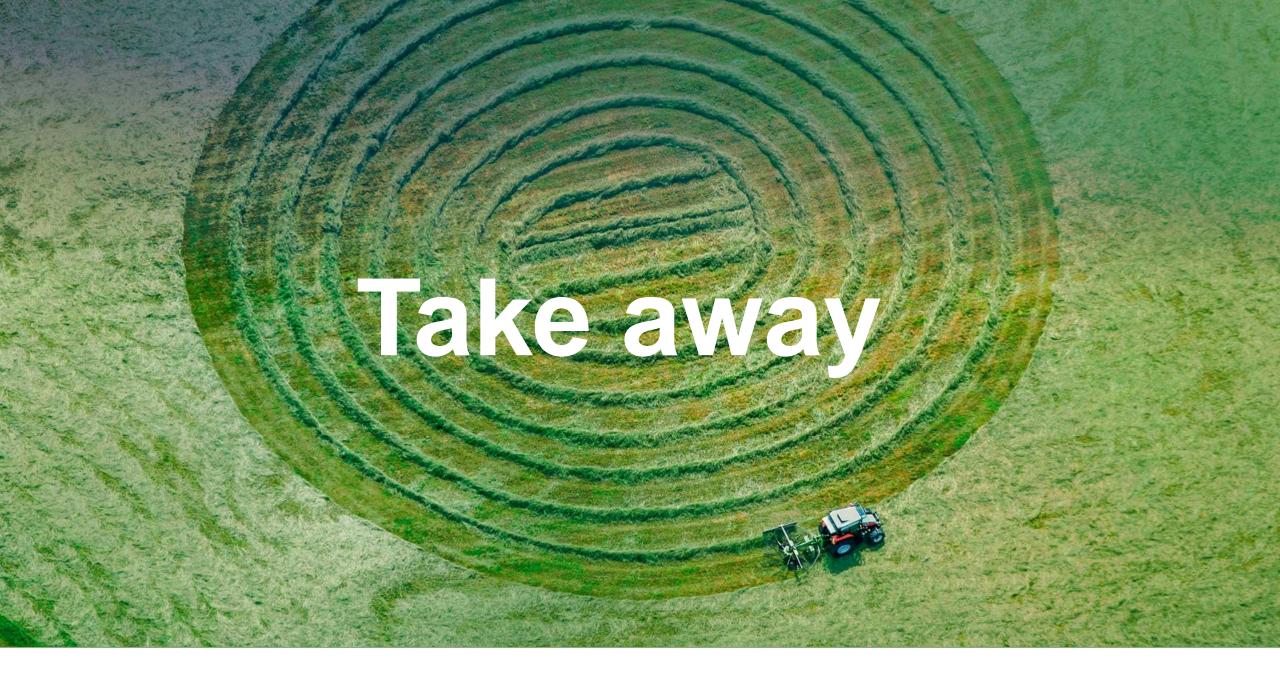


Easy migration of apps and base software

- Versioned functionality (components)
- You decide, which version of an function the app uses!







Take away

- Create focused apps instead of fat clients
- Use modern approaches for user interaction
 - > Content
 - > Info & reporting
 - > Search
 - > ...



- Multiple single purpose apps need a management platform
- Keep an eye on aspects like
 - > Security
 - > Modularity
 - > Easy maintenance & Migration
 - > →sustainability of your apps!

...create apps your users like!

con terra

con terra - Gesellschaft für Angewandte Informationstechnologie mbH

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Thank you for your attention!

More info:

http://www.conterra.de/en/products/mapapps/index.shtm

http://developernetwork.conterra.de/