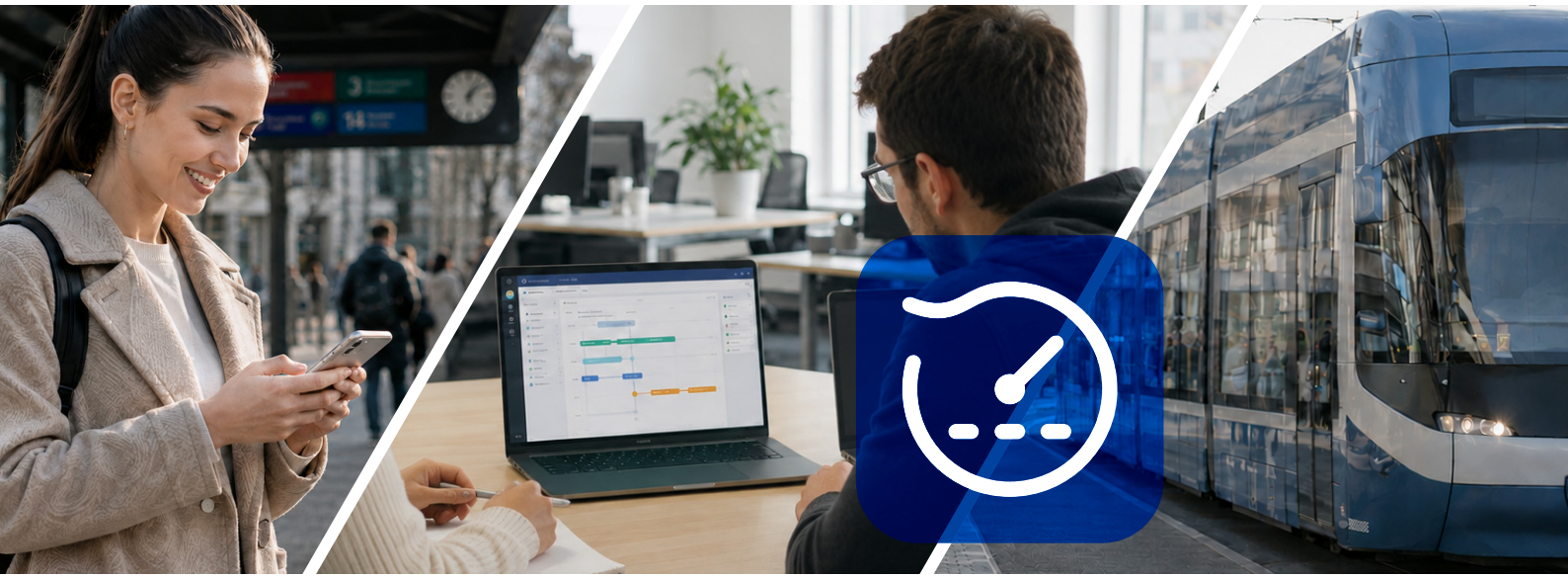
onway director for router fleets, network and guest access

Manage centrally, delegate securely



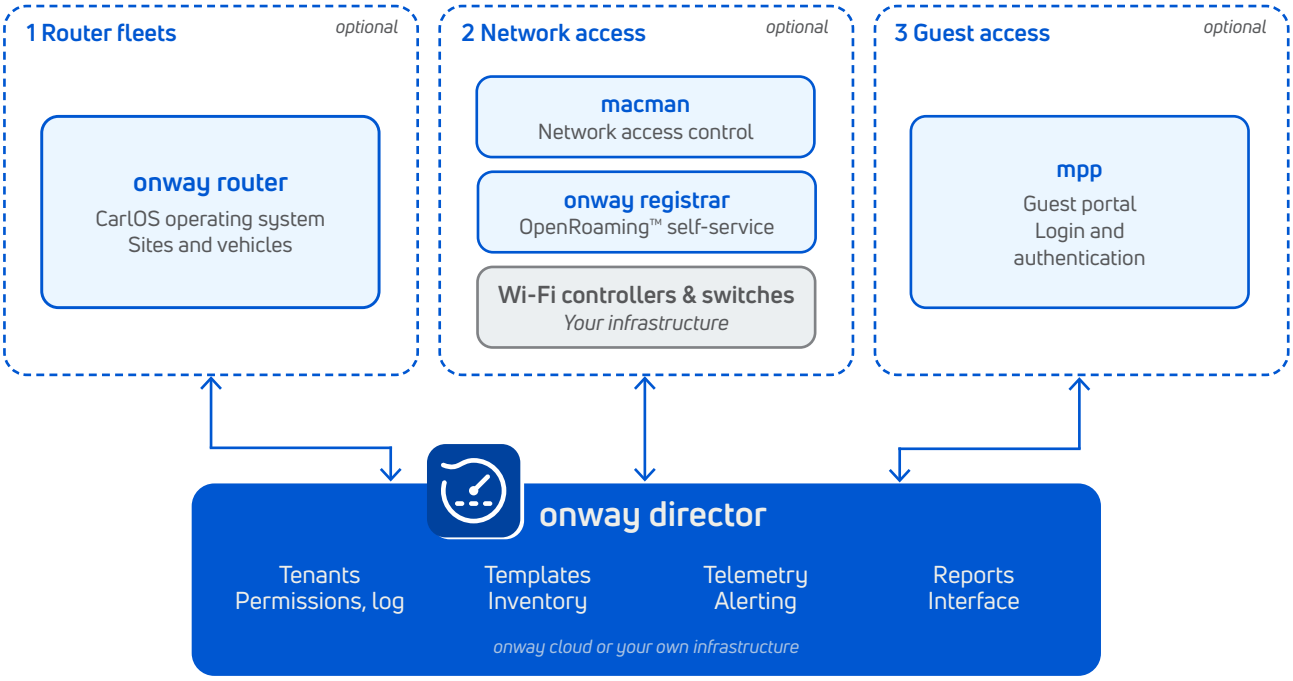
The onway director brings together the management of router fleets, IoT and BYOD devices and guest access in a single multi-tenant interface. Granular permissions allow central IT to define policies and delegate tasks to individual departments.

Over the years, many companies end up with a landscape of standalone solutions: one interface for router management, a second for managing the device fleet and a third for managing visitors and guests. Each solution has its own accounts, permissions and reports. When permissions change, they have to be updated in several places.
In addition, many devices are still administered manually. Routers are put into operation, adjusted over the years and quickly corrected when faults occur. As a result, often only a few people still know the reasons behind individual changes. If a router fails, its configuration may have to be painstakingly reconstructed.
The **onway director** is based on **Infrastructure as Code**. Templates and versioning ensure consistent configurations and traceable changes.

Key features

- Multi-tenant: One installation with clearly separated tenants
- Granular permissions that can be delegated along the organisational structure
- Complete versioning: Traceable who changed what and when, and which version applied before
- Configure sites based on templates, version them and restore them when needed
- Telemetry, monitoring and alerting with defined time windows
- Monitor and control devices and applications
- Open, documented interfaces for integration with existing systems

One management platform for three areas



Dashed frames indicate components that are added individually.

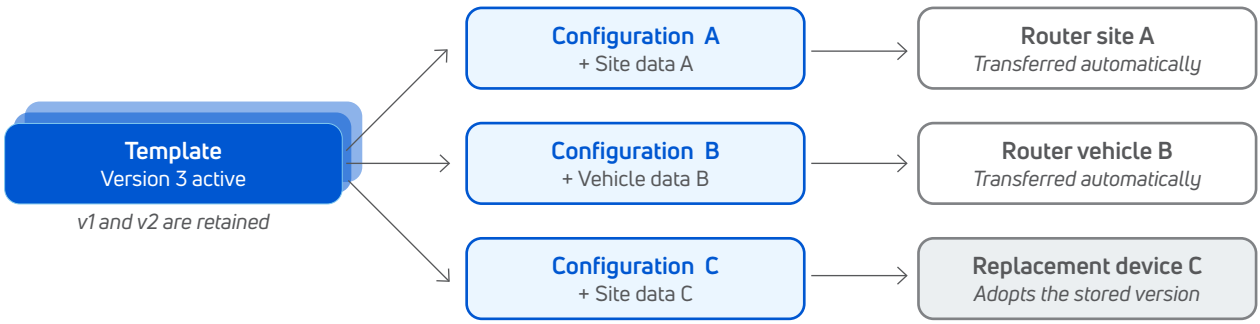
- **Router fleets:** onway routers running the CarlOS operating system, at fixed sites as well as in vehicles.
- **Network access:** **macman** automatically assigns every device to the right network segment, from printers to private smartphones.
- **Guest access:** **mpp** provides the guest portal, and **onway registrar** provides OpenRoaming™ self-service.
- **High availability:** The three areas operate autonomously and independently of each other.
- **Needs-based interface:** Only the areas you actually use are displayed.
- **Cloud or your own infrastructure:** As a service hosted by onway or installed in your data centre.
- **Maintenance, operation and support:** Tailored to your requirements.

Router fleet management in detail

Sites built to a blueprint

Rather than configuring devices individually, you define once how a site is structured. This template is merged with site-specific details into a configuration and automatically transferred to the devices. The same template can therefore be used for multiple sites.
Every configuration is versioned; previous versions are retained. This makes it possible to compare changes and reactivate earlier versions when needed.
If a device fails, the currently valid configuration can be transferred to the replacement device. The new device adopts the version stored for the site. Manual reconstruction is no longer necessary.

Example: One template, combined with the data of each site, results in three configurations.



Know what is happening

Every router continuously transmits status data on its network interfaces, connected devices and local applications. Mobile routers also provide their position and speed. If a router is offline, it buffers the data and transmits it as soon as the connection is restored. Third-party devices on site, such as cameras, displays or vending machines, can also be monitored. Alerting takes the site's operating hours into account so that no unnecessary notifications are triggered outside these hours.

Applications where they are needed

Applications that run locally, for example on the routers, can be deployed across the fleet via the onway director. For updates, only the changes are transferred. This reduces the volume of data, especially on mobile connections.

Network access and guest access

macman automatically assigns every device to its designated network segment. **mpp** provides the guest portal including reports. With **onway registrar**, guests can obtain their OpenRoaming™ profile themselves so they can work without interruption.

Combine functions as needed

	onway director	onway router	macman	mpp	onway registrar
Network access The leanest entry point	✓		✓		
Guest access Guests, devices, vouchers	✓			✓	
OpenRoaming™ Self-service profile	✓		✓		✓
Fleet management Sites and vehicles	✓	✓			
Complete package Everything under one login	✓	✓	✓	✓	✓

The onway director is always included; everything else is added individually.

Package	Purpose
Network access: onway director + macman	Every device automatically receives its designated network access. No additional security infrastructure is required.
Guest access: onway director + mpp	Guest accounts, guest devices and vouchers are managed centrally. Permissions can be delegated to individuals, reception or individual sites.
OpenRoaming™: onway director + macman + registrar	Guests connect with encryption and without a login procedure. They obtain their profile themselves.
Fleet management: onway director + onway router	Sites and vehicles are configured based on templates, monitored and managed remotely.
Complete package	All areas under one login and one permission model

You start with the functions you need and expand the solution as required. Even as further areas are added, permission management remains central. While your infrastructure grows, the administrative workload decreases.

Quality and security in software development

onway is certified to ISO 9001, ISO 14001 and ISO/IEC 27001:2022. The scope also covers software development. Every change is approved by a person who was not involved in implementing it. Every version is tested in our own lab on all supported hardware. Updates are signed. If an update fails, the system automatically reverts to the last working state. New features are delivered inactive. For every release, we create a machine-readable software bill of materials.

Our software is developed exclusively in Switzerland.

swiss made software

Who we are – onway ag

onway is the leading provider of tailored communication solutions for all areas of modern network infrastructure. We support more than 150 customers from various industries with the design, implementation, operation and support of secure ICT infrastructures.

onway: The smart way to communicate

Tell us about your plans and requirements.
We look forward to supporting you.

