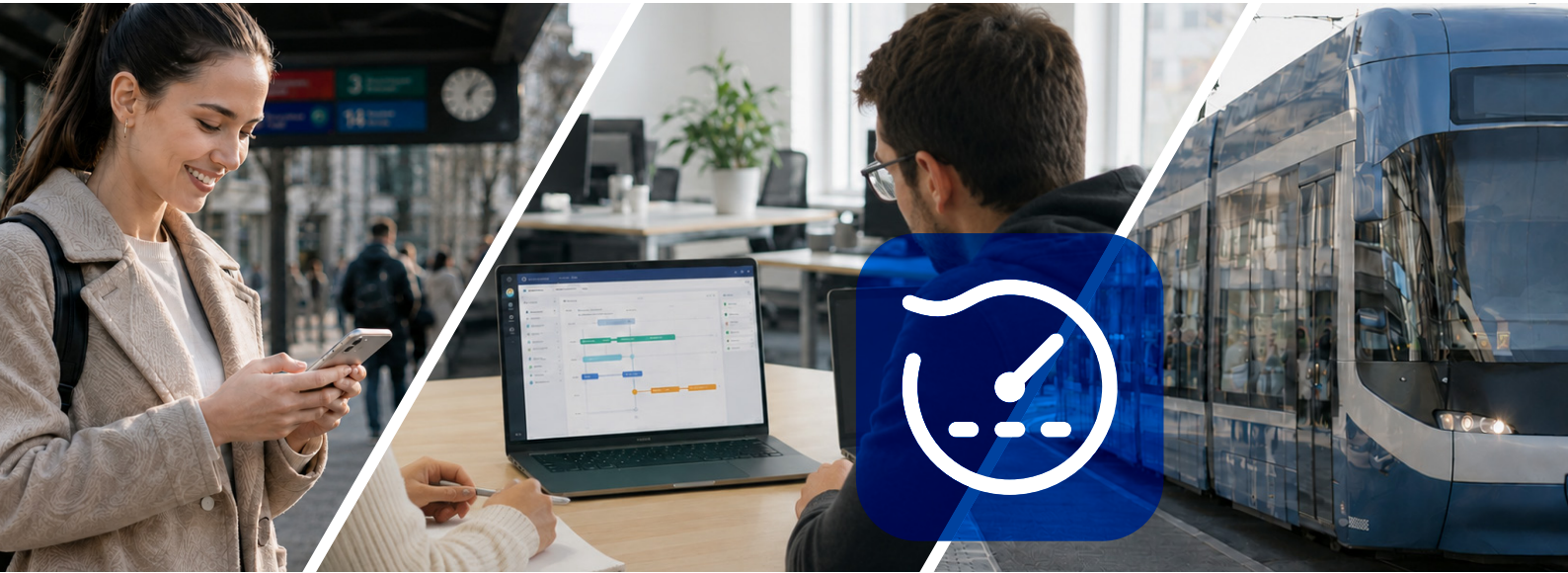


Manage access centrally and delegate it securely



The onway director brings the management of router fleets, network access and guest access together in a multi-tenant interface with finely graded permissions. This allows central IT to define the policies while individual departments work independently.

Over the years, almost every organisation develops a landscape of individual solutions: one interface for guest Wi-Fi, another for network access and a third for technology at remote sites. Each comes with its own accounts, permission management and reporting. When a permission needs to be revoked, it has to be remembered in several different places.

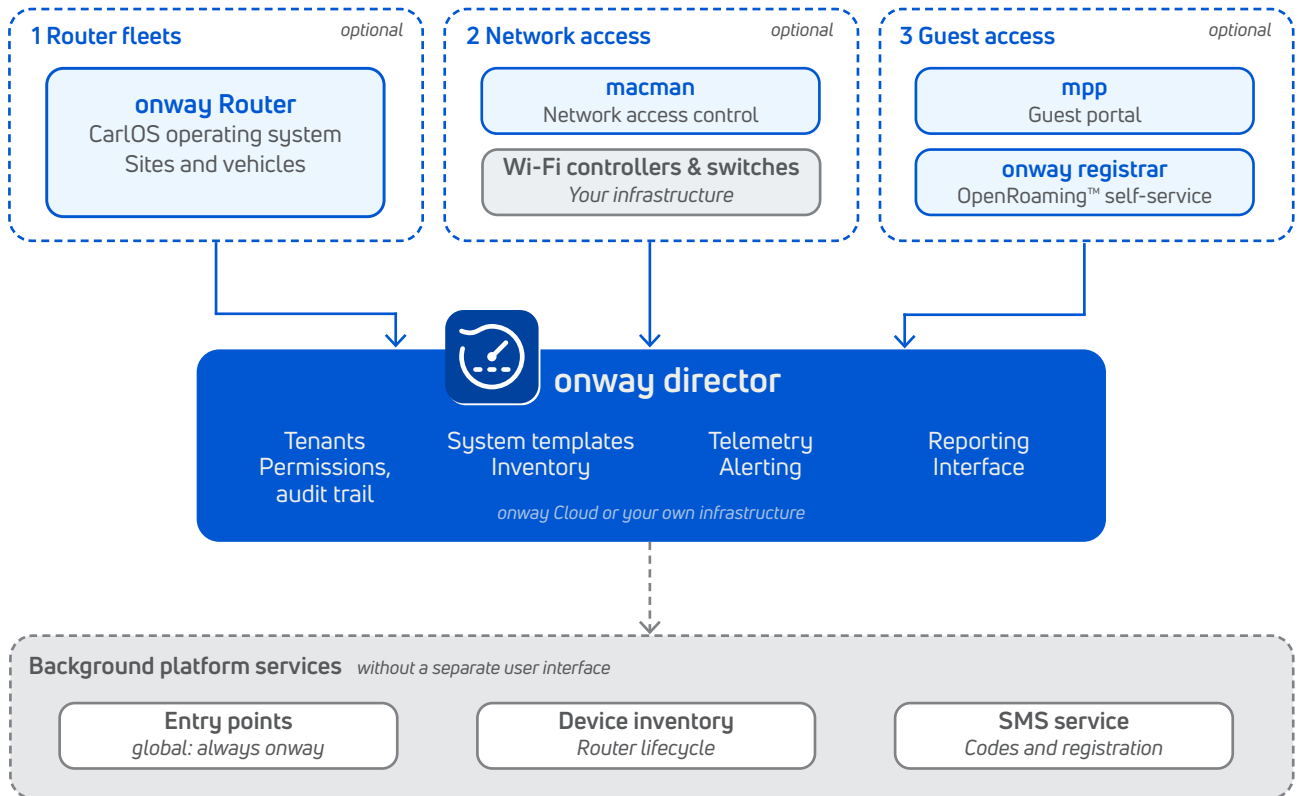
Then there is what happens on the devices themselves. A router is commissioned, adjusted over the years and quickly corrected when a fault occurs, until only one person knows its actual configuration. If it fails, replacing it means reconstructing the setup from memory.

The onway director addresses both challenges: a permission model that enables delegation rather than preventing it. And blueprints instead of individually configured devices.

Key functions

- Multi-tenant: one installation with clearly separated tenants
- Finely graded permissions that can be delegated throughout your organisation
- Complete audit trail: who changed what, when, and what was there before
- Sites based on blueprints instead of manual configuration, versioned and restorable
- Telemetry, monitoring and alerting with defined time windows
- Deploy your own applications as containers across the fleet
- Documented interface with an explicit commitment to stability

One management platform for three areas



Dashed outlines indicate components that can be added individually.

- **Router fleets:** onway routers with the CarlOS operating system, at fixed sites as well as in vehicles.
- **Network access:** macman automatically assigns each device to the appropriate network segment, from printers to private smartphones.
- **Guest access:** mpp provides the guest portal, while onway registrar enables self-service for OpenRoaming™.
- **Independent of one another:** Each area uses its own connection. If one is unavailable, the others continue to operate unchanged.
- **Only what is configured:** The interface displays only the areas you actually use.
- **Cloud or your own infrastructure:** As a service that we operate and patch for you, or entirely within your own data centre.

Starting with fleet management

Sites are created from blueprints

Instead of configuring an individual device, you define once how a site is structured. A specific site is then created by applying this template and entering the few values that differ. This means the twentieth site costs only a fraction of the first.

Every template is versioned. Previous versions are retained and can be reactivated. And because the desired and deployed states are shown side by side, deviations are visible rather than assumed.

If a device fails, you place the replacement device in its position and deploy the configuration.

It receives exactly the version assigned to that site. No copying settings from the neighbouring device, no reconstruction.

Know what is running

Every router continuously reports its status: mobile connection quality, location and speed, network interfaces, temperature and supply voltage. If it is offline, it stores the values and transmits them later.

Third-party devices at the same site, such as cameras, displays or ticket machines, can also be monitored. An alert is triggered only if a condition persists, and only within the time windows you define. A site that does not operate at night will not wake anyone up during the night.

Applications where they are needed

Container applications from your own repository can be deployed across the fleet via the onway director. For updates, only the differences are transferred, which is particularly important over mobile connections.

And when you need more

macman automatically assigns every device to the correct network segment and makes decisions locally. If the onway director is unavailable, authentication is not interrupted. **mpp** provides the guest portal together with reporting. **onway registrar** allows guests to obtain their own OpenRoaming™ profile instead of requiring someone to issue it for them.

You do not always need everything

	 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	✓	✓			
Full deployment Everything under one login	✓	✓	✓	✓	✓

The onway director is always included; all other components can be added individually.

Configuration level	What for?
Network access: onway director + macman	Every device automatically receives the intended access. No additional device, no new infrastructure.
Guest access: onway director + mpp	Guest accounts, guest devices and vouchers from one interface, with permissions that can be delegated to reception desks and individual sites.
OpenRoaming™: onway director + macman + registrar	Guests connect securely and without a login procedure. They obtain their profile themselves.
Flottenverwaltung: onway director + onway Router	Sites and vehicles based on blueprints, monitored and manageable remotely.
Full deployment	Everything under one login and one permission model.

You start where the need is greatest and do not buy functionality in advance. As the solution grows, the benefits increase disproportionately: one permission model instead of three, and a revoked permission takes effect everywhere at the same time. The guest portal at a site and the one in a vehicle are managed from the same platform. OpenRoaming™ profiles work both in your own building and while travelling.

Quality and security are the foundation, not an optional extra

onway is certified according to ISO 9001, ISO 14001 and ISO/IEC 27001:2022. The scope explicitly includes software development. Every change is approved by an independent person, and every release is tested in our own laboratory on all supported hardware. Updates are signed, automatically revert to the last working version if they fail, and new functions are delivered inactive by default.

For every release, we provide a machine-readable software bill of materials. Our software is developed exclusively in Switzerland.



swiss made software

Who we are – onway ag

onway is a leading provider of tailored communication solutions for all areas of modern network infrastructure. We support more than 150 customers across various industries with the design, implementation, operation and support of secure ICT infrastructures. The entire onway Group is certified according to ISO 9001:2015, ISO 14001:2015 and ISO/IEC 27001:2022.

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**Tell us about your plans and requirements.
We will be happy to support you.**

