SMART LOCKER SYSTEMS

Locker solutions of tomorrow.

Smart hardware and software solutions for micro logistics hubs.

We are Variocube.

We enable the logistics, goods delivery and goods exchange processes of tomorrow.

With our know-how gained from 20 years of software development in the B2B sector, we provide solutions to meet our customers' challenges. In combination with our modular locker systems and innovative software solutions, Variocube enables the logistics, goods delivery and goods exchange of tomorrow to move into today's companies, residential complexes, local and shopping malls. The versatile and adaptable hardware and software leave nothing to be desired - these are smart locker systems from Variocube.

As a turnkey provider of smart automated locker systems, we deliver complete solutions for independent parcel logistics, day-locker, click & collect, service and micro logistics hubs with our VARIOCUBE system - also combined on one system. Based on available standard applications, we offer our customers individual solutions for special hardware and software requirements. Together with you, our team analyses how and where a smart locker system can be integrated into your processes, identifies potential for optimisation and savings, and helps you meet even the most demanding requirements with innovative ideas.

Highest quality - made in Austria

We rely on manufacturing in Austria to meet our high quality standards.

The heart - versatile software

Our software covers most of the standard requirements out-of-the-box and can be adapted to your processes as required.

Smart Solutions - to fit your requirements

Together with our clients, we identify the requirements and develop tailor-made solutions together with you.

Future-oriented locker systems

With our smart locker systems, we provide innovative solutions to optimise costs, time and routes.
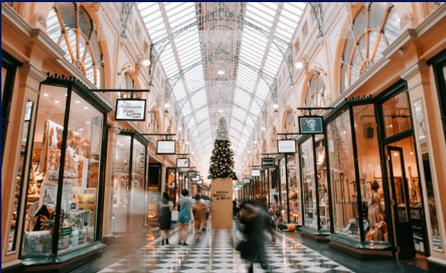
CLICK & COLLECT

RESIDENTIAL

CORPORATES

SHOPPING MALLS

SERVICE & WAREHOUSE

EDUCATIONAL INSTITUTIONS

TRANSPORT HUB

PUBLIC PLACES

CLINICS

GAS CYLINDERS

CUSTOM SOLUTION

Numerous applications.

One hardware and one software solution.

Smart software and locker systems are increasingly being used in a wide variety of places, whether in companies, universities, shopping centres and many more. The possible uses are just as wide ranging. With the help of smart systems, processes can be optimised, costs reduced and efficiency increased. Whether as a transfer point for goods and defective equipment, for renting tools, for receiving parcels, internal mail distribution, as a daylocker or for selling gas cylinders: locker systems are the multitool in your building.
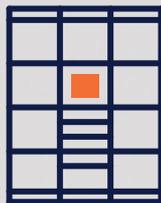
A combination of hardware and software.

Von smarter Turn-Key-Solution bis zur maßgeschneiderten Lösung.

Variocube is specialised in interdisciplinary SaaS solutions with a strong focus on modular and customisable cabinet systems, for which we draw on our 20 years of know-how. The development of our own software solutions, high-quality cabinet systems and cooperation with other manufacturers makes us an innovation leader. We supply turnkey or tailor-made solutions for your micro-logistics hub challenges.

Our solutions consist of two parts: the cloud-based software and the modular cabinet systems including the terminal and industrial PC.

Modular cabinet systems.

Modular design and flexible combination options enable an individual configuration that fits your requirements exactly. But not only the dimensions of the system and the individual modules can be customised, we also offer the integration of sensors, fire extinguishing systems or cooling units. This provides you with one of the most versatile solutions on the market.

High quality materials and manufacturing ensure that the system will last for years. The installed electronic components are designed in industrial quality and thus enable the greatest possible reliability even under the toughest conditions.

Cloud solution.

Cloud solutions are defined by many advantages compared to previous on-premise solutions. Data security and reliability of the systems play a decisive role. This is achieved through an encrypted connection and ISO-certified data centres. Due to the scalability of the cloud solutions, we grow with the requirements.

Always up to date - our software is automatically updated, so there is no need for personnel to update it.
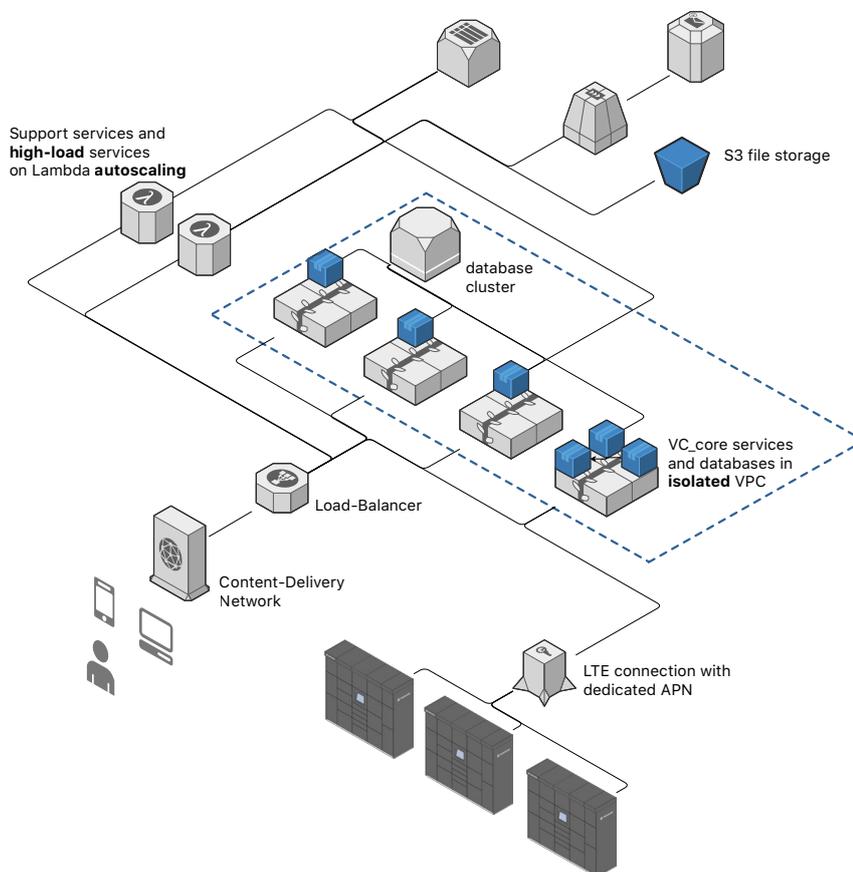
Reliable software solutions.

With 20 years of experience and SaaS solutions in the cloud.

Reliability, security and DSGVO-compliant solutions are the be-all and end-all for contemporary software solutions. Because no company or private person wants to be annoyed with failures, security gaps and complaints. That's why we rely on a modern cloud service for our VC Core software.

Cloud Solution.

With our cloud solution, you reduce costs compared to on-premises solutions. The security of your data and the up-to-dateness of the software is guaranteed by the professional support of the ISO 27001 certified data centre.

Cloud solutions are much less likely to be affected by disruptions or, if the worst comes to the worst, these are quickly rectified. You do not have to place an additional burden on your IT and save on staff and working time. You get a secure, AES256-encrypted, reliable and cost-effective solution.

Support services and **high-load** services on Lambda **autoscaling**

S3 file storage

database cluster

VC_core services and databases in **isolated** VPC

Load-Balancer

Content-Delivery Network

LTE connection with dedicated APN

cloud-based, microservice architecture:

- **Scalable** – it can be scaled scaled horizontally at any time.

- **Reliable** – essential services are distributed across several locations or are closely monitored.

- **Up to date** – through our continuous delivery process based on Kanban, all our customers are always up to date.

- **Secure** – AES256 encryption enables secure data transmission and prevents compartments from being opened by third parties.

```javascript
          ...event when appropriate
      = function() {
    //is the element hidden?
    if (!t.is(':visible')) {
        //it became hidden
        t.appeared = false;
        return;
    }

    //is the element inside the visible window?
    var a = w.scrollLeft();
    var b = w.scrollTop();
    var o = t.offset();
    var x = o.left;
    var y = o.top;

    var ax = settings.accX;
    var ay = settings.accY;
    var th = t.height();
    var wh = w.height();
    var tw = t.width();
    var ww = w.width();

    if (y + th + ay >= b &&
        y <= b + wh + ay &&
        x + tw + ax >= a &&
        x <= a + ww + ax) {

            //trigger the custom event
            if (!t.appeared) t.trigger('appear', settings.data);

        } else {

            //it scrolled out of view
            t.appeared = false;

        }
};

//create a modified fn with some additional logic
var modifiedFn = function() {

    //mark the element as visible
```

Available applications.

Software that increases your efficiency.

Based on our many years of experience in the implementation of smart locker systems and software applications, we offer applications such as **POBox, SafeCube, ServiceCube, RentalCube** and **Click & Collect** as standard in our portfolio. You benefit from fast implementation, low set-up effort and a wide range of functions. In addition, we also offer our customers individual solutions such as **LogisitcCube** for special wishes and requirements for hardware and software. Due to the available interfaces, our applications can be perfectly integrated into your existing systems and processes.

POBox

Mail and parcel logistics, Transfer of goods

SafeCube

Lockers for rent, Daylocker, Luggage storage

Click & Collect

Pick-up station, multi-channel solution, goods issue

ServiceCube

Acceptance and exchange of defective equipment

RentalCube

Rental solutions, Hardware stocking and issuance

LogisticCube

Internal mail distribution, Inbound and outbound processes

Interfaces to your systems.

Thanks to our open interfaces (API), the smart lockers can be integrated into existing software solutions, e.g. ERP, CRM and shop systems, employee databases and much more.

VARIOCUBE

CODE **142**

P.O. Box
Delivery, Pickup and
Transfer Parcel

Service
Service

Day Locker
Get yourself
a locker

10
16
17
18
19
2
11
12

Hardware.

Modular cabinet systems
in industrial quality.

Our innovative, flexible, modular locker systems are designed and manufactured to the highest quality standards. You get a durable, resistant locker system with a long service life and low service effort. Special solutions for pallets, gas flasks, highly flammable goods and long goods are designed by us according to requirements.

The electronic components used, such as the controller and touchscreen, comply with industry standards to ensure a long service life.

All this is Made in Austria - so we meet the highest quality standards.

Terminal & Industrial PC

Touchscreen for intuitive operation. Industrial PC for long operating times. LTE router for communication. Only a conventional power supply (230V) is required.

Locks & Actuators

Durable, reliable, burglar-proof and in industrial quality - In addition, door controls, roller doors and much more can also be controlled.

Weather protected

The doors of the outdoor units are additionally equipped with drainage plates made of stainless steel to prevent rainwater from penetrating. Canopies are also possible.

Modular structure

A cabinet system is composed of several modules, so the system can be perfectly matched to your individual requirements.

Scope for design.

There are (almost) no limits to the design of Variocube locker systems. Our robust metal surface can be manufactured in various coating colours or can be used as an advertising space with stickers.

In order to integrate locker systems seamlessly into the interior design, it is possible to have them custom-made by a carpenter. This gives you maximum freedom in the design and choice of materials for your lockers.

Tailor-made Hard- & Software.

Perfectly suited to your requirements.

Pick-up station for gas cylinders.

The handover of gas cylinders is often time-consuming and involves long waiting times for the customer. That is why we have developed a pick-up station for gas cylinders in compliance with safety regulations.

Standard solutions are not always sufficient, especially in niche applications, complex processes or with high security requirements. This is where our expertise from 20 years of software development and a strong network of manufacturing companies pays off for our locker systems in the region.

Customised software.

Together with our customers, we identify the existing requirements and develop solutions in partnership that accelerate processes, simplify transfers and permanently reduce costs. Interfaces to other systems reduce sources of error, eliminate the need for double maintenance and simplify processes.

Lockers for special applications.

Many use cases go beyond the standard sizes of our ProLine locker modules. We have therefore already developed customised locker sizes for numerous customers or equipped them with sensors and self-extinguishing devices. There is also a choice of lockers for long goods, gas bottles, pallets, bicycles, key transfers, with cooling or heating function, etc.. If you need further adaptations and special sizes or sensors, these will be determined in the concept phase of the project and then planned accordingly.

Control of electronic door locks, garage drives etc.

With our software, you can also release and open other electronically controllable lock types or gate drives. In this way, it is possible to make entire rooms, garage compartments or company entrances accessible by means of the VC terminal. In this way, you can also give customers access to collection stations at weekends or make bulky goods such as furniture available for collection in a prefabricated garage.
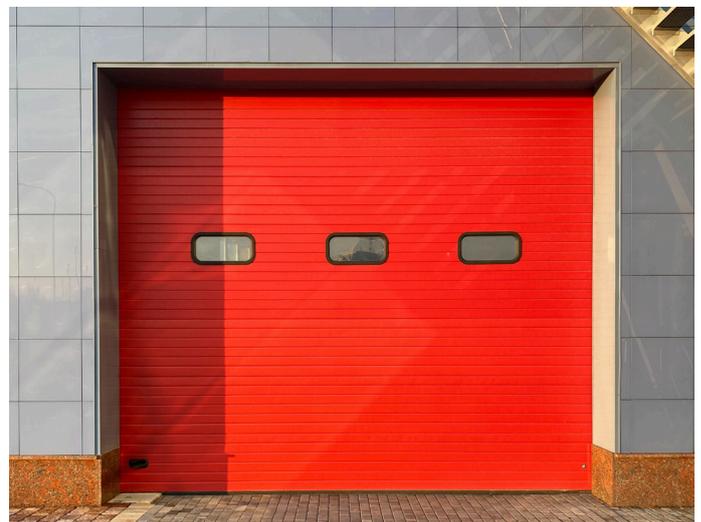

Heating & cooling elements

Pallets

Key safes

Bicycles

Roller shutter doors

VARIOCUBE
SMART LOCKER SYSTEMS

Turn-Key System solutions for web-enabled lockers.

The latest web technology and innovative locking systems paired with modular cabinet systems.

- Modular and adaptable.

- Cloud-based, using state-of-the-art technologies.

- Easy to integrate into your IT.

- High security due to well thought-out system architecture.

- Can be individually planned as furniture by architects or designers.

- Versatile use thanks to different compartment sizes and multi-app capability.

- Independent due to use of LTE connection, only 230 volt socket is required.