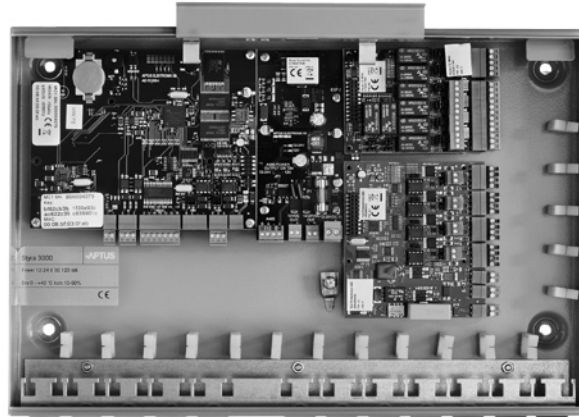
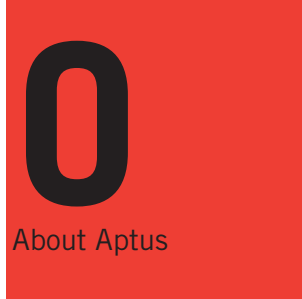


# STYRA 3000

Aptus develops and manufactures customer-oriented security and information systems for safer buildings and greater living comfort.







# STYRA 3000

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# O

About Aptus

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## The journey

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It all started when Bengt from Bostadsbolaget in Gothenburg, Sweden discovered proximity access systems during a trip to the United States. When he got back to Sweden, he contacted Aptus to present a practical way of solving key management problems in apartment buildings. Today we are the leading supplier of security systems for apartment buildings.

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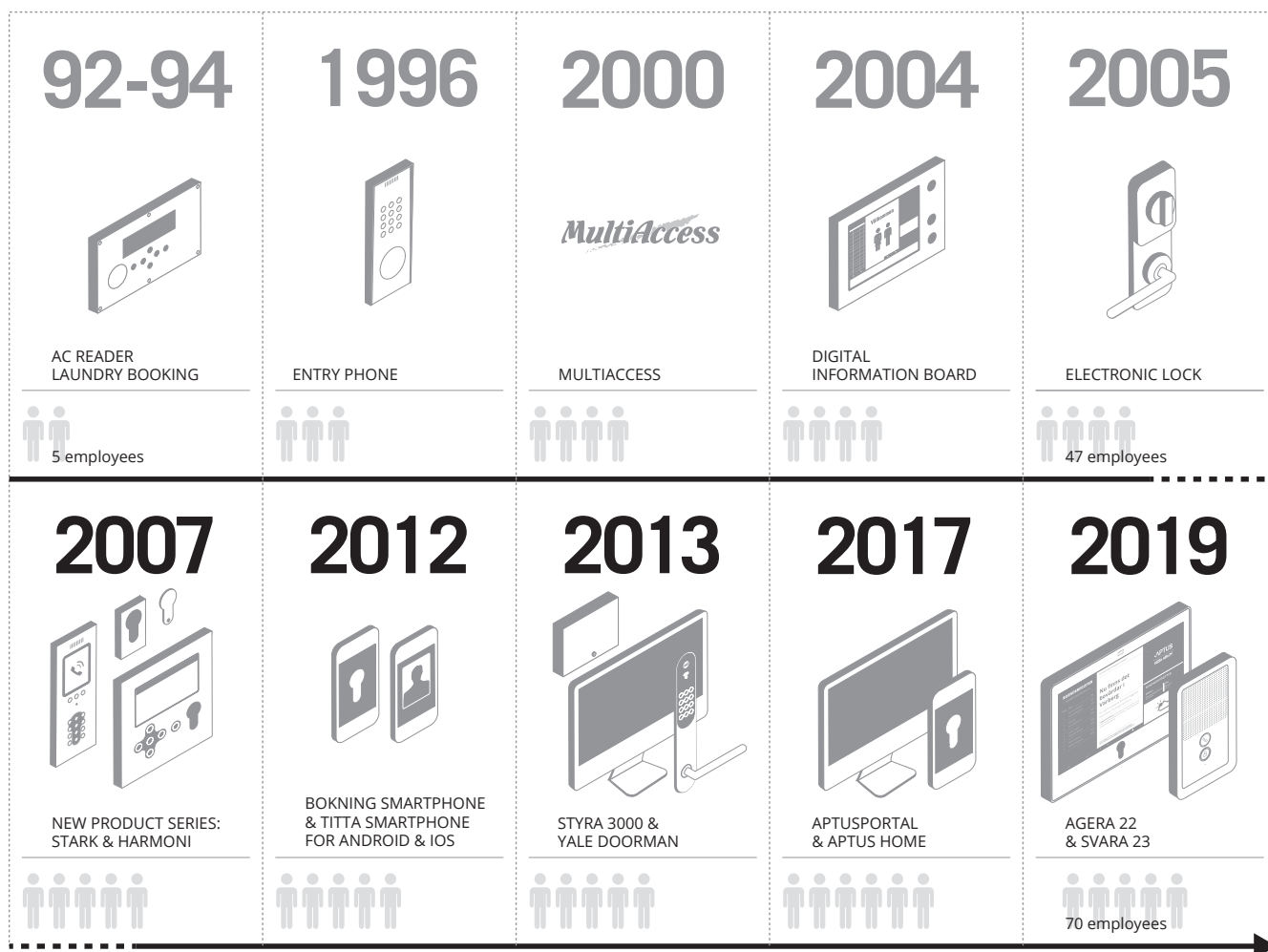
## Innovation

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Our customers should feel they can rely on us. Aptus products and services are of high quality. Through ongoing product and partner development, we can offer systems that meet your future needs.

A black and white photograph of a person's hand holding a smartphone. The phone screen shows a security application interface. At the top, there's a status bar with signal strength, time (9:41 AM), and battery level (100%). Below that, a photo of a man is displayed with the text 'Läs upp bild' underneath. Further down, the word 'Entré' is visible, followed by '43532 Bostadsbolaget, 1 001' and 'Förbehåll 1987'. At the bottom of the app interface is a large lock icon. The background of the photo is blurred, showing what appears to be a person's face and some architectural elements.

**Aptus develops and manufactures customer-oriented security and information systems for safer buildings and greater living comfort.**

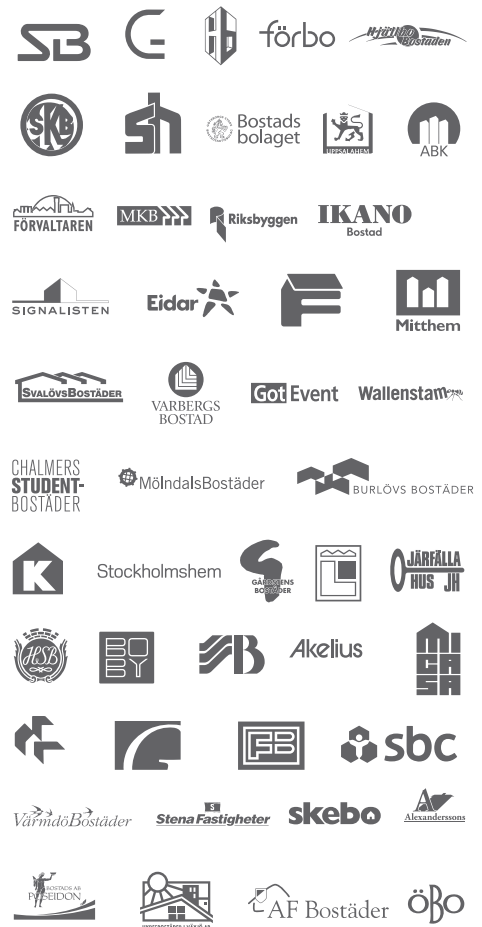


**“Customers feel secure with Aptus as a one-stop supplier.”**

Åke Söderberg, City Management Office in Gothenburg, Sweden

## Customers for you

Because we are constantly developing our systems in collaboration with end customers, we have built up a large customer base. In fact, 45 of Sweden's 50 largest real estate companies are our customers.



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## Service and support

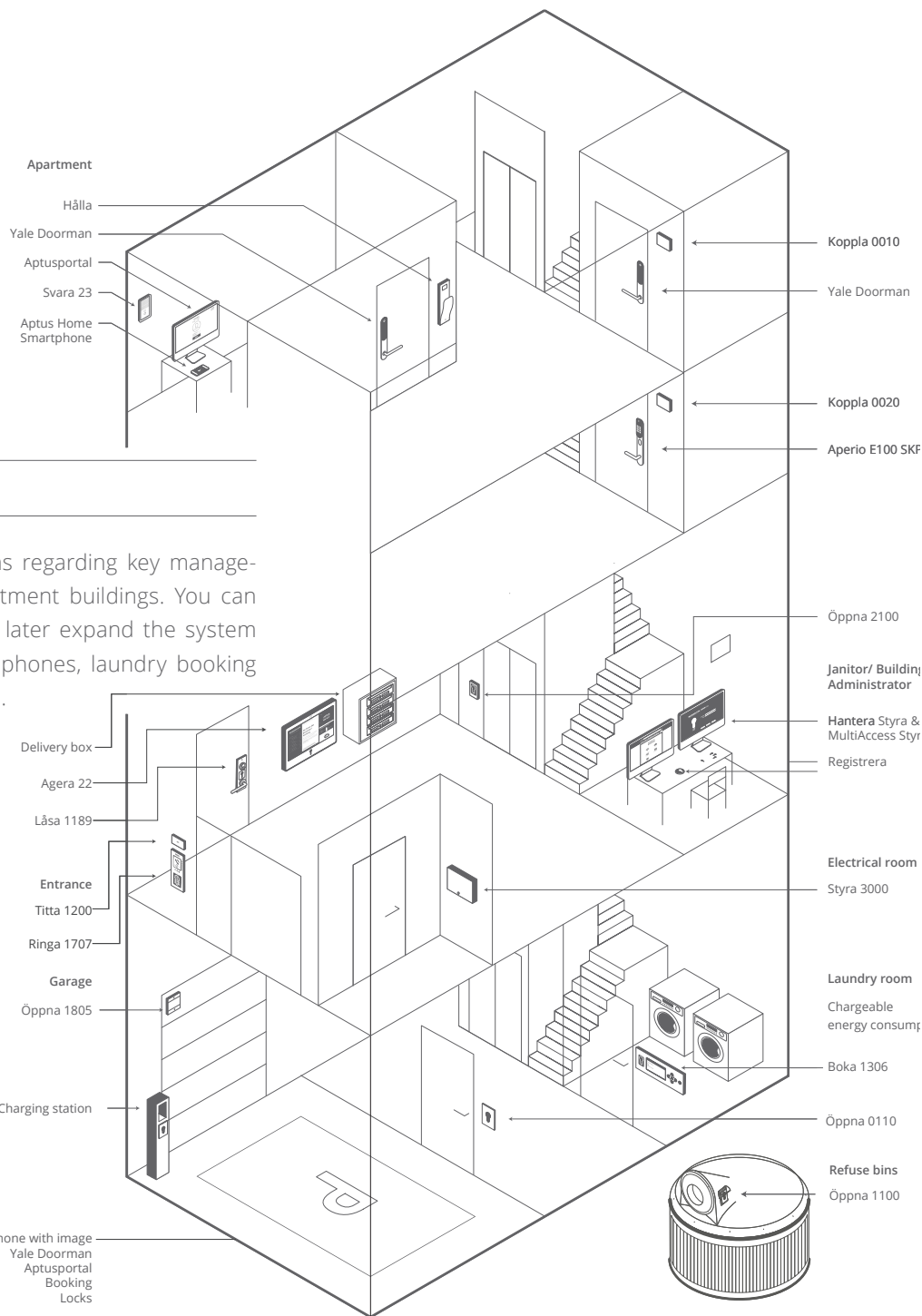
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We believe you benefit from the fact that we develop, produce and manufacture our products in-house in Sweden. This means we can offer you the best possible service and support.



0  
Om Aptus

\*Om Aptus



## The Problem Solver

The Aptus system solves problems regarding key management and communication in apartment buildings. You can start with a proximity reader and later expand the system with thousands of readers, entry phones, laundry booking boards and communication boards.





### APTUS KEY

In the future there will be no mechanical keys. Our solutions mark a step on the way to a keyless world.



### RINGA 2707

Access control, digital tenant register and an entry phone system combined in one product. If you install a camera next to the entry phone, you can use the Aptus Home app to see your visitors. Our Ringa entry phones support Mifare and EM card technology.



### ÖPPNA 2100

This reader is used in most apartment buildings throughout Scandinavia. It has an illuminated keyhole symbol for indoor and outdoor use. Can be ordered with logotype. Our Öppna readers support Mifare and EM card technology.



### YALE DOORMAN

Cost-effective, system-connected electronic locks that allow the property manager to centrally administer all the keys of the property, from communal doors and entry phones to apartment locks. Yale Doorman is packed with smart solutions, and the tenant can track the lock status with a special app.



### BOKA 2306

It is user-friendly and durable. Also offers the option of booking communal facilities online and via the Aptus Home app. The booking board is available with Mifare and EM card technology.



### APTUS HOME & APTUSPORTAL

Track the status of your apartment lock on your phone. Download the Aptus Home app for Yale Doorman to your mobile phone. You can use the app to see if your apartment is locked. If it isn't locked, just press a button to lock it. You can also use the app to book the laundry room and see who is calling on your entry phone.

# S

Styra 3000

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## Styra 3000

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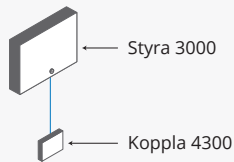
A flexible control unit that manages all the property's needs including entry phones, booking and access systems, door units and alarms. The Styra 3000 has smart features including language support for the Ringa entry phone and Boka booking board and control of laundry equipment.



# The easy-to-install control unit

Organize the cards and cables in your control unit. Color-marked terminal blocks match stripped Aptus cables. User-friendly lock with a closing mechanism and a special hinge that allows you to prop the lid open or unhook it.





**"Simplicity is the ultimate sophistication."**

Leonardo da Vinci

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## Easy cable installation

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Instead of running the cable from the control unit to all products at the door, simply run the Aptus 485 bus from the control unit to the door unit. Then connect the door environment and its related products (e.g. readers, entry phones, locks) to the Koppla door unit.

S

Koppla 4300 has four double balanced inputs and three outputs. Koppla 2100 is a door unit for basic doors, with two inputs and one output.

Both door units can activate locks and detect if a door is open. Both units have a tamper switch and a buzzer with various programming options.



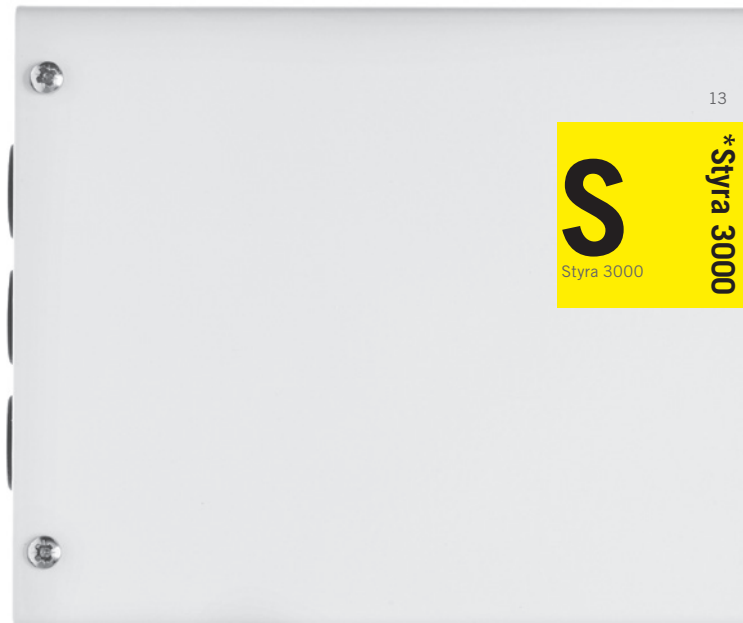
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## The reliable control unit

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Operational reliability and easy reader replacement. Separate fuses, bus cables and compartmentation enhance this control unit's operational reliability. These features ensure that the control unit continues working if part of the system fails. For instance, if the the entry door is damaged, the basement and laundry room doors will remain unaffected.

The buses and outlets have electronic fuses, which protects both the buses and outputs in the event of short circuiting. The advantage of having fused outputs is that they remain undamaged in the event of short circuiting. This makes it easy to fix damaged cables, strike plates etc. and get the output working again.



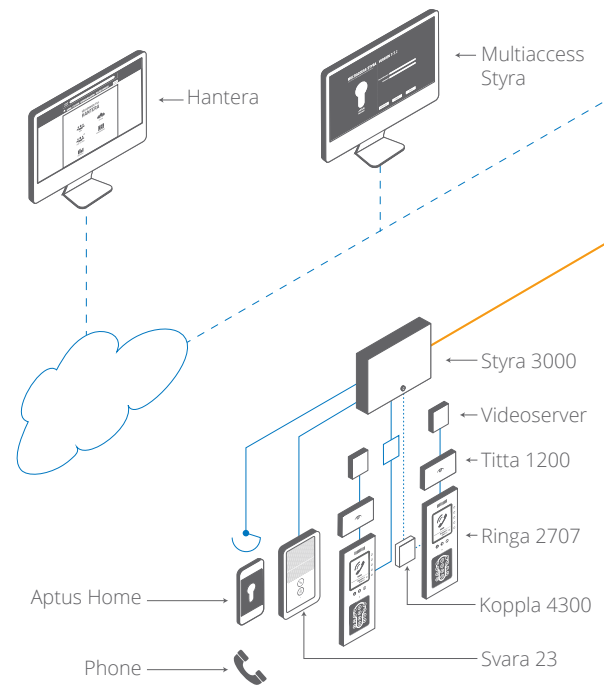
**"The future ain't what it used to be."**

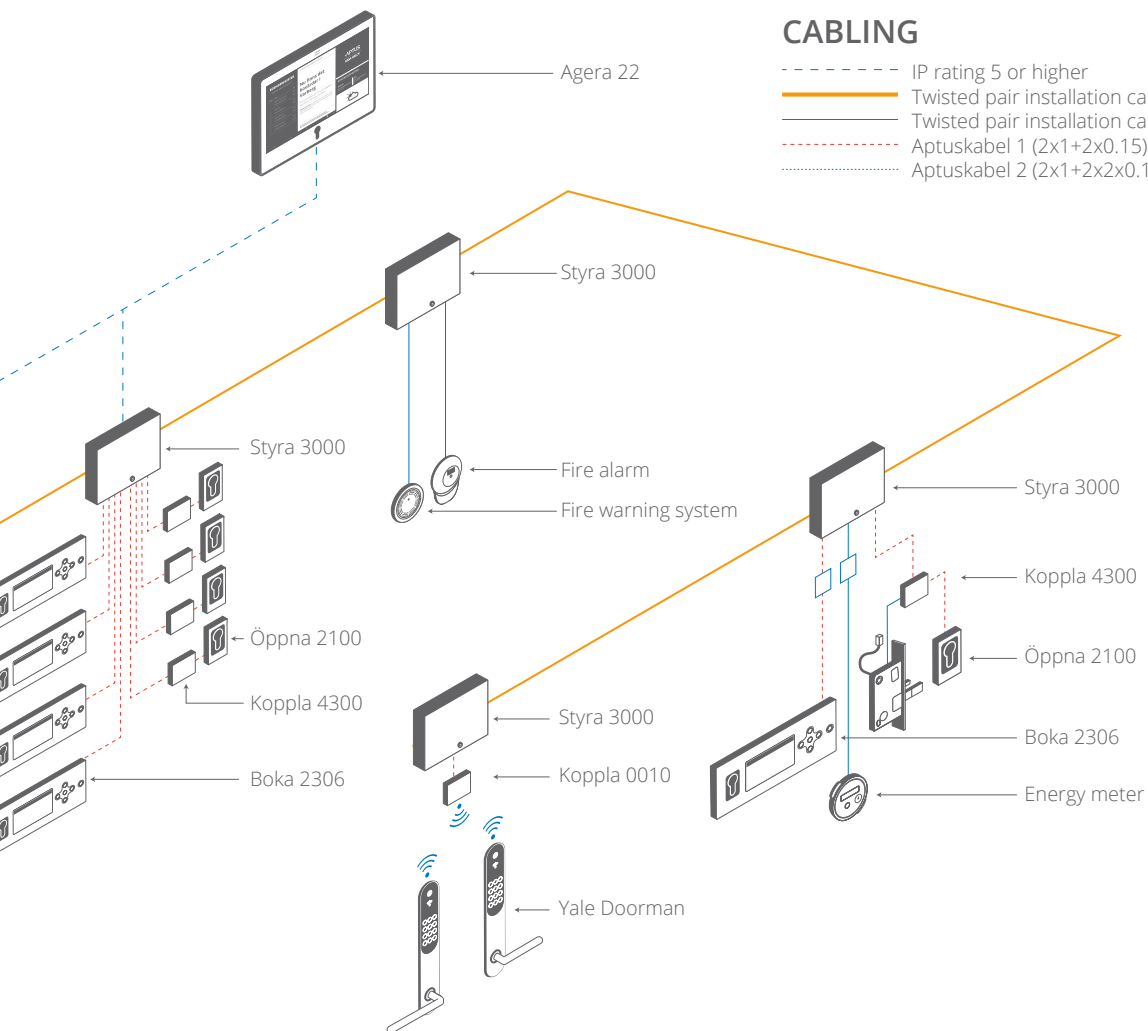
Yogi Berra

## The versatile control unit

You decide which Styra 3000 unit in your system will be assigned master or slave status and which functions it will have. Internal and external inputs and outputs can be freely combined. If you want to expand the system with new functions, just add the chosen function via an expansion card or an additional control unit. It can also control other functions such as lighting\* and alarms.

\* Requires interposing relay from lighting system.



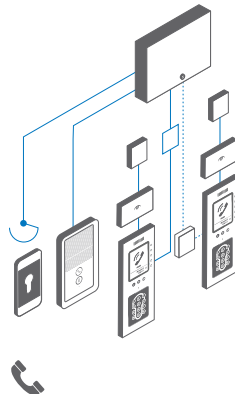


**"Styra 3000 makes our installers' work easier and provides property managers with a cost-effective, operationally reliable product."**

Jerker Krabbe, vd Aptus

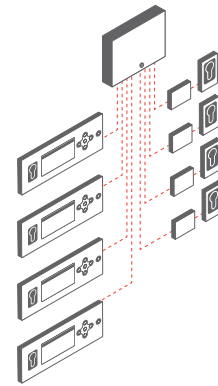
## Flexible installation

Allow the building and functions to determine what type of cable installation you choose for the hardware in your Aptus system.



### ENTRY PHONE

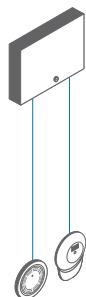
One Styra 3000 can control up to eight entry phones. In this example, the control unit is connected to a Styra Porttelefonkort 4400 and calls can be answered via the Aptus Home app, Svara 23 and mobile phone, in which case you can open the door by pressing 5.



### BOOKING & ACCESS

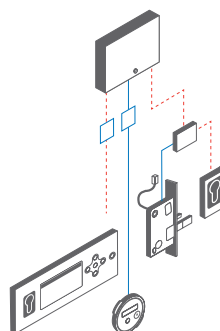
Combine booking hardware with traditional access control. One Styra 3000 control unit can be connected to four Boka booking boards and four doors. The Styra Komkort 4000 communications card is installed in the control unit.





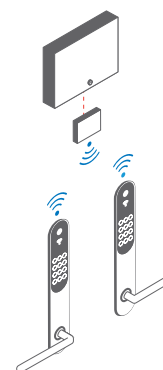
### FIRE WARNING SYSTEM

Simpler and more cost-effective than a traditional fire alarm. The Styra I/O 8800 expansion card is installed in the Styra 3000 (max. two Styra I/O 8800 cards per control unit).



### MULTICENTRAL

Booking, access and energy metering in one Styra 3000 unit. If the Styra 3000 is combined with a Koppla 4300 door unit, the electronics can be moved to the door environment (centralized or decentralized). Connect alarm sensor, proximity reader and electronic lock.



### RADIO COMMUNICATION

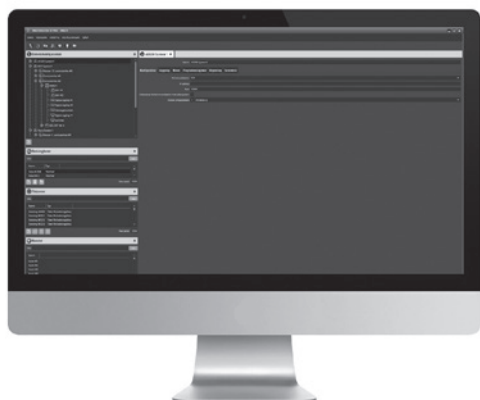
The Styra 3000 supports wireless installation of the electronic Yale Doorman lock beside the door. The electronic lock communicates with the control unit via the Koppla door unit by means of radio signals. One Styra 3000 can be connected to 32 Yale Doorman locks.

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## Smart software

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A security and information system for residential buildings should be fun and simple to administer. That's why we have created software especially for apartment buildings.



### MULTIACCESS STYRA

The Multiaccess Styra is a high-performing unit. The interface has a clear structure for programming and maintenance of an Aptus system. Programming is made easier by smart features such as a search function. Find the function you need in the overview window, then find further information in the detail windows.



### HANTERA STYRA

You don't need to be an IT expert to perform daily maintenance on an Aptus system. The Hantera web administration application has a search function, individual operator authorizations and supports Yale Doorman and the languages Swedish, English, Norwegian and Danish.

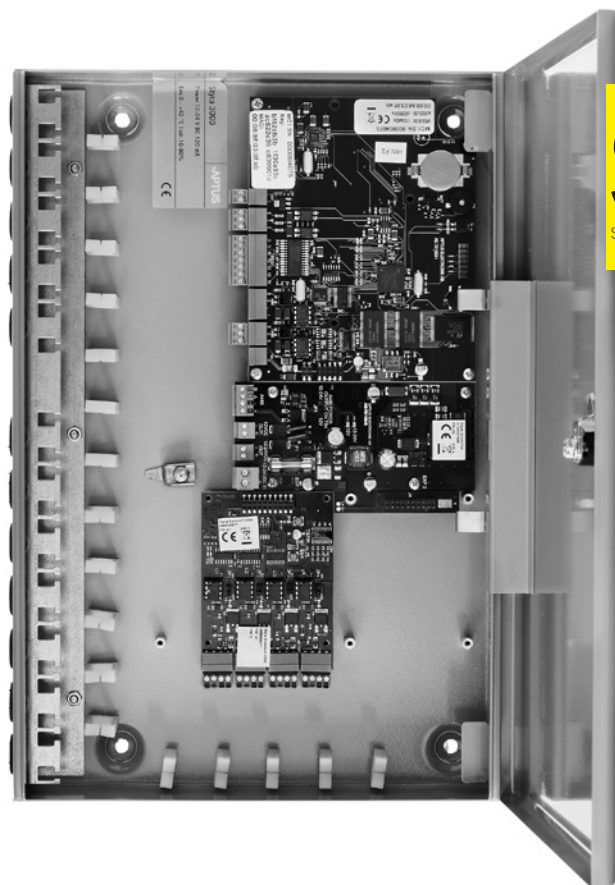
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## A very expandable system

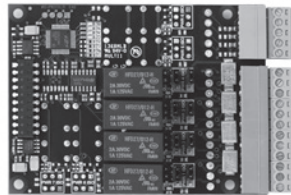
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Up to eight door environments with readers or entry phones can be connected to one Styra 3000. As a booking control unit, one Styra 3000 can manage four booking boards and 16 booking items. The control unit can manage 16 inputs and 16 outputs for internal connection. Use the Koppla door unit for external inputs and outputs.

64 Styra 3000 units work together in the same system, so an IP outlet is only needed for one of the units.

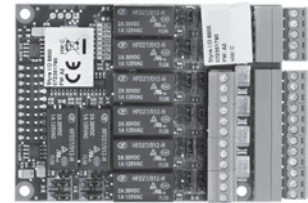


The circuit boards for the Styra 3000 are made by us in Gothenburg.



#### STYRA I/O 4400

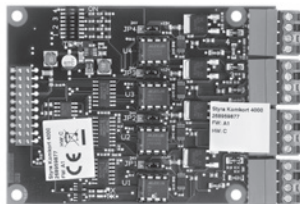
Same as Styra I/O 8800 but with four inputs and four outputs.



#### STYRA I/O 8800

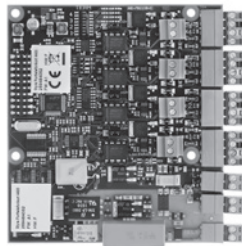
The I/O card has eight double balanced inputs and eight fused digital outputs with a switching relay.

## Expansion cards



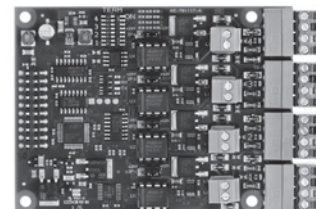
#### STYRA KOMKORT 4000

A communications card with four separate fused Aptus485 buses with an integrated repeater. Supports automatic door connection of reader.



#### STYRA PORTTELEFONKORT 4400

An entry phone system expansion card with four separate fused Aptus485 buses with an integrated repeater. Supports automatic door connection of entry phones and readers. To be used when entry phones are connected to Styra 3000.



#### STYRA PORTTELEFONKORT 4800

If the property is to be equipped with entry phones for more than four doors, the control unit must have a Styra Porttelefonkort 4400 and a Styra Porttelefonkort 4800.

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## Outstanding service and support

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Our services keep your system constantly updated. Aptus's technical consultants and support team make sure you have access to the best technical expertise.

SUPPORT AGREEMENTS ensure that your Aptus system is always updated and fully functional. Our agreements are packed with security benefits. They are usually entered into between Aptus and a security provider. Whether you are a dealer or a property owner, we will help you sign an appropriate agreement.

APTUS HOSTING is a reliable service for customers who are unable to provide an adequate IT environment for administration of an Aptus security and information system. This service offers a comprehensive solution for a simpler, more secure living environment with management of booking, locking and visitor systems via the Internet and smartphone apps. We host your database, ensure good server operation and make sure there are always backups if anything goes wrong. We make sure you always have access to the tools you need for cost-effective system administration.

TECHNICAL CONSULTANTS will help you with advice, system expansion, procurement and planning, and can tailor the system to your needs.

TRAINING will give you a solid working knowledge of our products. We offer foundation courses in the Multiaccess Styra application, as well as user training.



**“Whatever problems arise, we find solutions together.”**

Marcus Alexandersson, support technician, Aptus





# Re

Ref. case

**"Energy consumption dropped by 35%"**

Linus Larsson, environmental manager, ÖrebroBostäder AB

Photo: Alexander Von Sydow

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## ÖrebroBostäder AB rationalizes laundry room costs

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Öbo, a municipal housing company, used Styra 3000 to rationalise the laundry habits of tenants in the Oxhagen area. The company wanted each tenant to pay for their own laundry room use. This motivated tenants to use the laundry room more efficiently. Instead of basing the cost on the number of machine starts or laundry sessions, tenants pay according to the amount of electricity used during the whole laundry session.

### **BENEFITS FOR ÖBO:**

- Environmentally friendlier laundry rooms
- Satisfied tenants
- Less wear and maintenance of the laundry rooms

### **BENEFITS FOR TENANTS:**

- Tenants only pay for their own laundry and not for waste caused by their neighbors
- Tenants contribute to a better environment
- Increased availability of laundry rooms





# KONTAKT

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