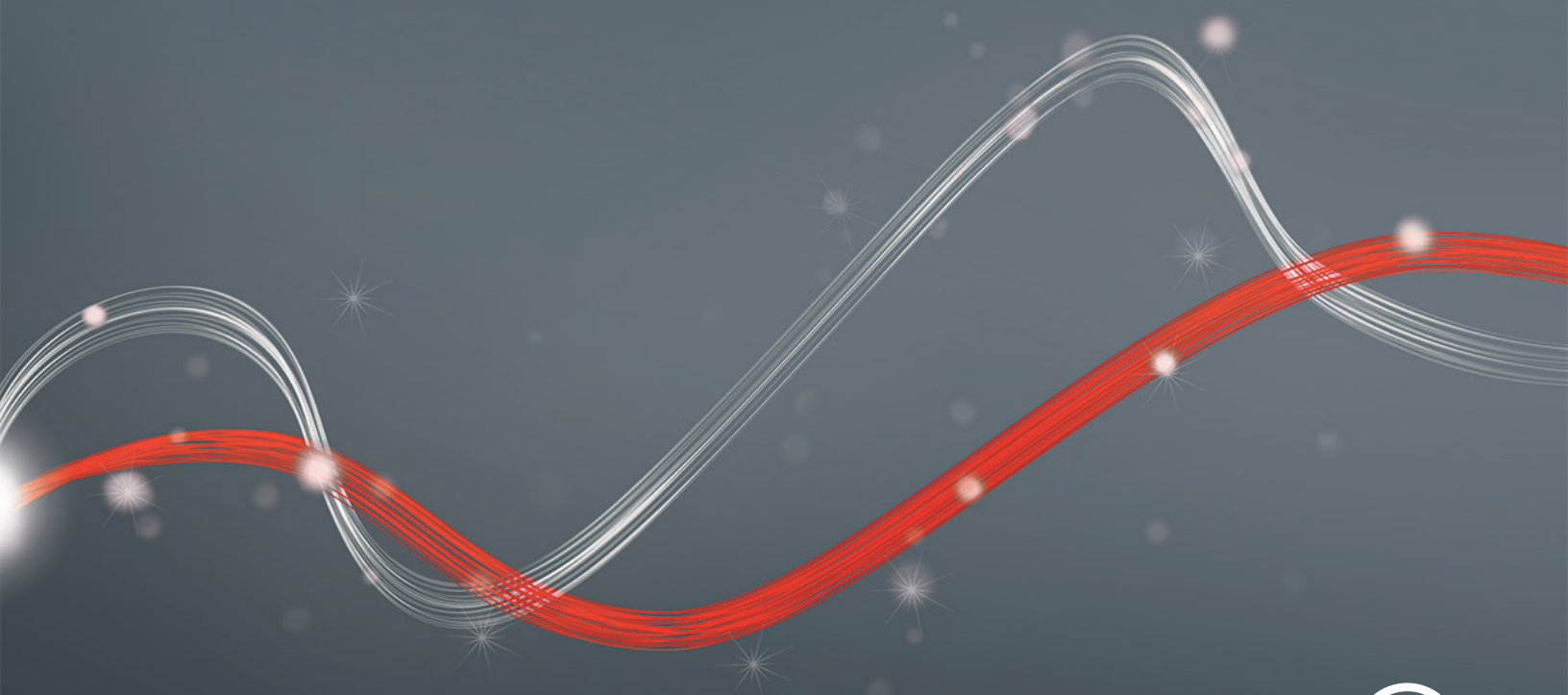




Be ahead

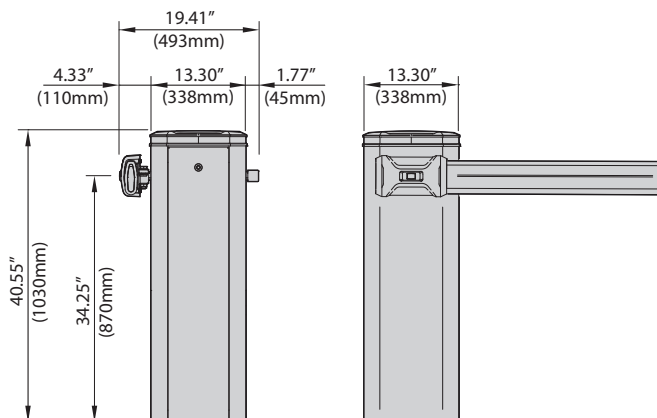
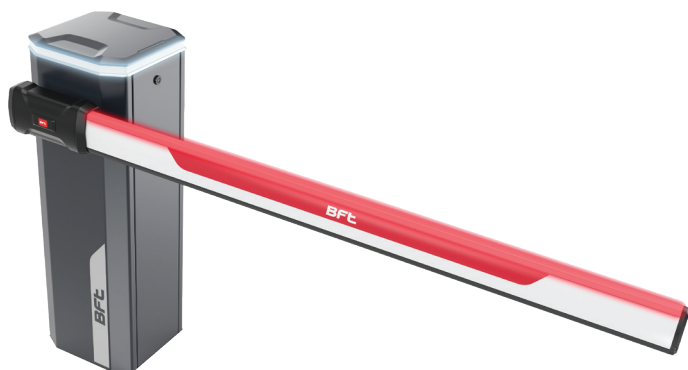


# MAXIMA ULTRA 36 UL





## Automatic barriers - road barriers



## Features and Benefits

- High speed, high intensity electromechanical barrier.
- Inverter technology and three-phase asynchronous motor.
- Designed for a wide range of operating conditions such as parking lots or highway toll booths with frequent cycles of movement.
- Can control access points from 10-20 ft. (2-6 m) wide with fully accessorized barrier.
- Oil bath gearbox unit.
- Mechanical crankshaft movement delivers fluidity of movement of the boom and controls its soft opening and closing movements.
- Cap with RGB lights (optional) with traffic light function and self-diagnostics.
- Red and green LED Boom light option.
- Two cabinet doors with universal key provide easy access to internal components.



## Automatic barriers - road barriers

### MAXIMA ULTRA 36 UL

Part Number	Reference	Name	Description
2614241	P940093 02001	10-16.5FT MAXIMA ULTRA 36 120V UL	<ul style="list-style-type: none"><li>· 120 V electromechanical barrier with three-phase motor and inverter</li><li>· For 10 to 16.5 ft (3 to 5 m) Boom</li><li>· Break-away boom (optional)</li><li>· Opening time between 0.7 and 2.2 seconds, with slowdown</li><li>· Dual door access for ease of installation</li><li>· Cap with lights (optional)</li><li>· Rated up to 20,000 cycles a day</li><li>· Oil bath gearbox</li><li>· Color RAL 7015 (slate grey)</li></ul>
2614242	P940094 02001	20FT MAXIMA ULTRA 36 XL 120V UL	<ul style="list-style-type: none"><li>· 120 V electromechanical barrier with three-phase motor and inverter</li><li>· For 20 ft (6 m) Boom</li><li>· Break-away boom (optional)</li><li>· Opening time of 4 seconds, with slowdown</li><li>· Dual door access for ease of installation</li><li>· Cap with lights (optional)</li><li>· Rated up to 20,000 cycles a day</li><li>· Oil bath gearbox</li><li>· Color RAL 7015 (slate grey)</li><li>· Boom longer than 16 ft. requires a boom holder: either FAF UNIR or ADJ-FOOT.</li></ul>
2616341	2616341	10FT MAXIMA ULTRA 36 120V UL BARRIER KIT W/ BREAKAWAY	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Breakaway Kit Hardware</li><li>· 10 ft. (3 m) Boom</li><li>· Light Board</li><li>· 10 ft. (3 m) LED Light Strip for Boom</li></ul>
2616342	2616342	10FT MAXIMA ULTRA 36 120V UL BARRIER KIT	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Omega Hardware (boom connection bracket)</li><li>· 10 ft. (3 m) Boom</li><li>· Light Board</li><li>· 10 ft. (3 m) LED Light Strip for Boom</li></ul>
2616339	2616339	13FT MAXIMA ULTRA 36 120V UL BARRIER KIT W/ BREAKAWAY	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Breakaway Kit Hardware</li><li>· 13 ft. (4 m). Boom</li><li>· Light Board</li><li>· 13 ft. (4 m) LED Light Strip for Boom</li></ul>



## Automatic barriers - road barriers

### MAXIMA ULTRA 36 UL

Part Number	Reference	Name	Description
2616340	2616340	13FT MAXIMA ULTRA 36 120V UL BARRIER KIT	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Omega Hardware (boom connection bracket)</li><li>· 13 ft. (4 m) Boom</li><li>· Light Board</li><li>· 13 ft. (4 m) LED Light Strip for Boom</li></ul>
2616337	2616337	16FT MAXIMA ULTRA 36 120V UL BARRIER KIT W/ BREAKAWAY	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Breakaway Kit Hardware</li><li>· 16 ft. (5 m). Boom</li><li>· Internal Boom Reinforcement</li><li>· Light Board</li><li>· 16 ft. (5 m) LED Light Strip for Boom</li><li>· Requires a boom holder; either FAF UNI R or ADJ-FOOT.</li></ul>
2616338	2616338	16FT MAXIMA ULTRA 36 120V UL BARRIER KIT	<ul style="list-style-type: none"><li>· MU36 UL Cabinet</li><li>· RGB Top Cover</li><li>· Omega Hardware (boom connection bracket)</li><li>· 16 ft. (5 m). Boom</li><li>· Internal Boom Reinforcement</li><li>· Light Board</li><li>· 16 ft. (5 m) LED Light Strip for Boom</li><li>· Requires a boom holder; either FAF UNI R or ADJ-FOOT.</li></ul>
2617975	2617975	20FT MAXIMA ULTRA 36 XL 120V UL BARRIER KIT W/ BREAKAWAY	<ul style="list-style-type: none"><li>· MU36 XL UL Cabinet</li><li>· RGB Top Cover</li><li>· Breakaway Kit Hardware</li><li>· 20 ft. (6 m) Boom</li><li>· Internal Boom Reinforcement</li><li>· Light Board</li><li>· 20 ft. (6 m) LED Light Strip for Boom</li><li>· Boom longer than 16 ft. requires a boom holder; either FAF UNI R or ADJ-FOOT.</li></ul>
2617976	2617976	20FT MAXIMA ULTRA 36 XL 120V UL BARRIER KIT	<ul style="list-style-type: none"><li>· MU36 XL UL Cabinet</li><li>· RGB Top Cover</li><li>· Omega Hardware (boom connection bracket)</li><li>· 20 ft. (6 m) Boom</li><li>· Internal Boom Reinforcement</li><li>· Light Board</li><li>· 20 ft. (6 m) LED Light Strip for Boom</li><li>· Boom longer than 16 ft. requires a boom holder; either FAF UNI R or ADJ-FOOT.</li></ul>



## Automatic barriers - road barriers

### 2613813 (I700123 50001) - MAXIMA ULTRA 36 120V UL Control Board included with the barrier









- Card power supply: 120V single-phase
- Main Characteristics:
  - Removable terminal blocks with new color standard,
  - Simplified programming with scenario display,
  - Integrated two-channel receiver,
  - D-Track based anti-squashing system, and
  - Slowdown during opening or closing.

	MAXIMA ULTRA 36 120V UL	MAXIMA ULTRA 36 XL 120V UL
Boom length	10 ft. - 16.5 ft. (3 m - 5 m) Booms	20 ft. (6 m) Booms
Opening time (depending on the width of the boom)	0.7 to 3.9 s	0.7 to 3.9 s
Clear opening	10 ft. - 16.5 ft. (3 m - 5 m)	20 ft. (6 m)
Motor type	Three-phase asynchronous	Three-phase asynchronous
Internal lubrication	In oil bath	In oil bath
Motor power supply	120V	120V
Control unit	MAXIMA ULTRA 36 UL 120V Control Board	MAXIMA ULTRA 36 UL 120V Control Board
Inverter	Yes	Yes
Slowdown	Yes	Yes
Impact reaction	Encoder	Encoder
Locking	Mechanical	Mechanical
Release	Inside the structure	Inside the structure
Frequency of use	Continuous	Continuous
MCBF (Mean Cycles Between Failures)	7,000,000 Open/Close Cycles	7,000,000 Open/Close Cycles
Finish	RAL7015 (slate grey) cataphoresis coating and paint	RAL7015 (slate grey) cataphoresis coating and paint
Temperatures	-40 to 140 °F (-40 to 55 °C)	-40 to 140 °F (-40 to 55 °C)
Protection rating	IP55	IP55
Weight	158.73 lbs (72kg)	158.73 lbs (72kg)








## Automatic barriers - road barriers

### REQUIRED ACCESSORIES

 <p>2601376 (P120087 00001) <b>BOOM PS30</b> 10 ft. (3 m) long aluminum boom with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.</p>	 <p>2601377 (P120087 00002) <b>BOOM PS40</b> 13 ft. (4 m) long aluminum boom with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.</p>
 <p>2601378 (P120087 00003) <b>BOOM PS50</b> 16.5 ft. (5 m) long aluminum boom with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.</p>	 <p>2601277 (P120087 00004) <b>BOOM PS60</b> 20 ft. (6 m) long aluminum boom with red reflectors. Includes rubber and upper optical diffuser. Lights excluded.</p>
 <p>2601263 (P120084 00000) <b>Boom connection bracket: OMEGA PS MAXIMA U36</b> Single lock for protective finger trapping casing and screws for MAXIMA ULTRA 36. BOOM PS boom excluded.</p>	 <p>2601387 (P120094 00000) <b>Boom connection bracket with Break-Away: OMEGA FRA PS MAXIMA U36</b> Resettable impact protection connector (manual) for MAXIMA ULTRA 36 barrier. BOOM PS boom excluded.</p>


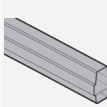
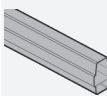
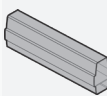


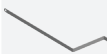









### RECOMMENDED ACCESSORIES

 <p>2616394 (P120088 00001) <b>Foundation plate for new concrete: DIMA PRO36</b> Foundation base kit for MAXIMA ULTRA 36 UL. with 6 x 6 in. (152 x 152 mm) opening. Used for new concrete foundations.</p>	 <p>2605242 (P120089 20002) <b>LIGHT PS/ES 40-IP67</b> High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES boom up to 13 ft. (4 m) long. Power supply unit excluded.</p>
 <p>2605241 (P120089 20001) <b>LIGHT PS/ES 30-IP67</b> High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES boom up to 10 ft. (3 m) long. Power supply unit excluded.</p>	 <p>2605244 (P120089 20004) <b>LIGHT PS/ES 60-IP67</b> High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES boom up to 20 ft. (6 m) long. Power supply unit excluded.</p>
 <p>2605243 (P120089 20003) <b>LIGHT PS/ES 50-IP67</b> High intensity LED lighting kit, red-green, to be fitted on BOOM PS/ES boom up to 16.5 ft. (5 m) long. Power supply unit excluded.</p>	



## Automatic barriers - road barriers

### RECOMMENDED ACCESSORIES

	2601276 (P120075) <b>ALLU 2 MAXIMA ULTRA</b> Power supply for ATM LIGHT Kit on MAXIMA ULTRA		2601388 (P120091) <b>HYPHEN PS</b> Internal reinforcement/joint for BOOM PS booms. Already included in the MAXIMA ULTRA 36 XL barriers but recommended for barriers L ≥ 16 ft. (5 m) with or without accessories.
	2605251 (P120108) <b>HYPHEN PS PRO</b> Internal reinforcement for BOOM PS booms L = 6.9 in. (175 mm). Increases the rigidity of the boom. Recommended for use in particularly windy areas.		2605261 (P120113) <b>PS JOINT</b> Joint for BOOM PS booms.
	2601279 (P120085) <b>BTM-SKIRT</b> Lower skirt for BOOM PS booms. Module length L = 6.6 ft (2 m).		2605234 (P120086) <b>FULL-SKIRT</b> Full skirt (top and bottom) for BOOM PS booms. Module length L = 6.6 ft. (2 m). Does not include SKIRT BRACKET required for anchoring the first module to the barrier body.
	2601389 (P120095) <b>BRACKET SKIRT</b> Connection bracket between barrier body and simple (BTM SKIRT) or double (FULL SKIRT) aluminium rack.		2613063 (P120093) <b>ADJ-FOOT</b> Suspended cushioned telescopic supporting foot for BOOM PS booms.
	<b>new</b> 2614917 (P120120) <b>KIT ART90 PS MAXIMA ULTRA36 (1 of 2)</b> Hinge accessories kit for PS 90° articulated boom on MAXIMA ULTRA 36. Excludes tie rod, boom, boom connector and PS lights. Compatible with PS BOOMS. Requires <b>TIE ROD FOR ART90 PS KIT</b> .		<b>new</b> 2614918 (P120121) <b>TIE ROD FOR ART90 PS KIT (2 of 2)</b> Tie rod to be combined with the hinge accessories kit for PS 90° articulated boom. Compatible with ART 90 PS MAXIMA ULTRA KIT 36 and ART 90 GIOTTO ULTRA 36 KIT. Requires <b>KIT ART90 PS MAXIMA ULTRA36</b> .
	2601319 (P120080) <b>FAF UNI R</b> Universal adjustable fork for all booms; recommended with installation of FULL SKIRT accessory.		2605230 (P120079) <b>EBB KIT ATML</b> Electric lock for ATML rods to be installed on an FAF UNI R adjustable fork.
	2600569 (D110926 00001) <b>SPIRA 2X1</b> Magnetic loop: 6.56 x 3.28 ft. (2 x 1 m)		2611230 (P111274) <b>RME 1 BT</b> 24V single channel metal object detector with installation base
	<b>new</b> 2600535 (D111906) <b>MITTO B RCB04 TRANSMITTER/REMOTE (4 CH.)</b> 4-Channel transmitter. 164/328 ft. (50/100 m) range. 3V power supply with 1 CR2032 type battery. Blue.		<b>new</b> 2600534 (D111904) <b>MITTO2 - ROLLING CODE TRANSMITTER/REMOTE (2 CH.)</b> 2-Channel transmitter. 164/328 ft. (50/100 m) range. 3V power supply with 1 CR2032 type battery. Blue.





Automatic barriers - road barriers



## What is U-Link?

The technology that gives you more power

U-Link, Universal Link, is an exclusive Bft platform that can be used to create high-tech ecosystems. In Home Access Automation, it can be used to communicate with all home access automation devices of any brand. This saves you time and allows you to control everything easily and without any worries.

### It is intuitive

Easy to install and to use

### It is scalable

You can add as many devices as you want

### It is flexible

It allows you to create groups of interconnected products

### It is practical

Works with or without an internet connection

### It is functional

Its settings can be controlled remotely using dedicated applications



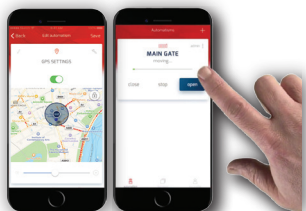


## Automatic barriers - road barriers

### Everything on one screen: find out more about this amazing technology

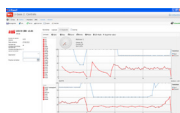
A world-exclusive platform that **can be used to create high-tech ecosystems** offering a vast range of solutions for many different sectors.

This proprietary platform which is a key feature of Bft products, thanks to the B-EBA cards and the Clonix U-Link receiver, is suitable for any protocol or product for access automation (including Bft products, non-BFT products, and older versions), and it can be used in a variety of different sectors. This means any device becomes a smart device which can be interconnected with other systems using a language that is becoming universal.



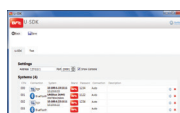
#### U-Control HOME

U-Control HOME is the application that allows you to open the gate to your home and to remotely control Bft automations using your own smartphone. The iOS version can be used to automatically open the automation when you are close to it.



#### U-Base 2

An easy and convenient software package for installation, performing maintenance, and identifying any faults in the U-Link compatible operators.



#### U-SDK

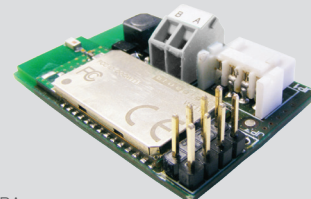
A user-friendly app to allow for compatibility and integration between BFT automations and a BMS network.



#### Clonix U-Link

Connect non-native U-Link and non-Bft products to U-Link systems.

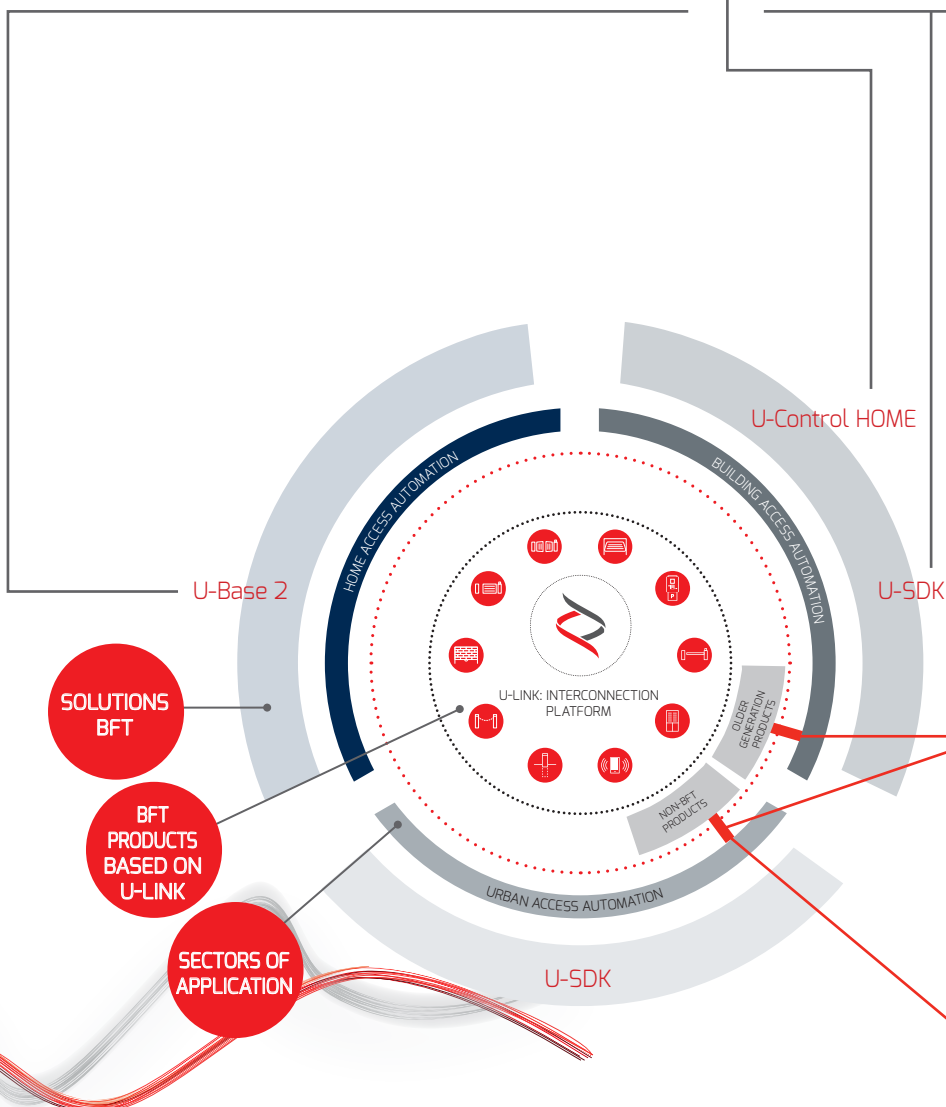
Is it possible to connect non-native U-Link Bft operators or other brands of products to U-Link? Yes, thanks to the Clonix receivers. Accessories which accept no limits.

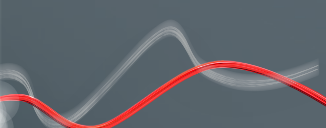


#### B-EBA

A direct link to your operators.

The B-EBA expansion cards make it possible to connect external devices such as PCs, smartphones, and tablets to a Bft operator and a Clonix receiver or to connect multiple Bft products in a U-Link network. These accessories integrate with U-Link technology and with Bluetooth, Wifi, Z-Wave, and TCP/IP protocols as well as with the RS485 serial interface. A device that demonstrates exactly what Bft means by interconnectivity.





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Be ahead

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