

One Tracker. Zero *Guesswork*

# SMAVOO

## *GPS Tracker*





### *Description*

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The SMAVOO GPS Tracker enables real-time tracking of materials across global supply chains. It includes a SIM card that works in European countries, ensuring stable connectivity throughout daily operations.

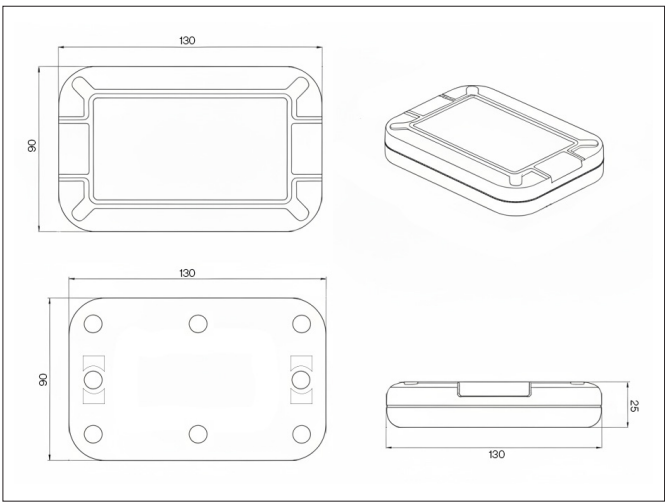
Available in three versions with different battery sizes and lifespans, it adapts to various logistical requirements. It offers highly reliable long-term tracking capabilities for logistics and asset management in everyday use.

### *Key Features*

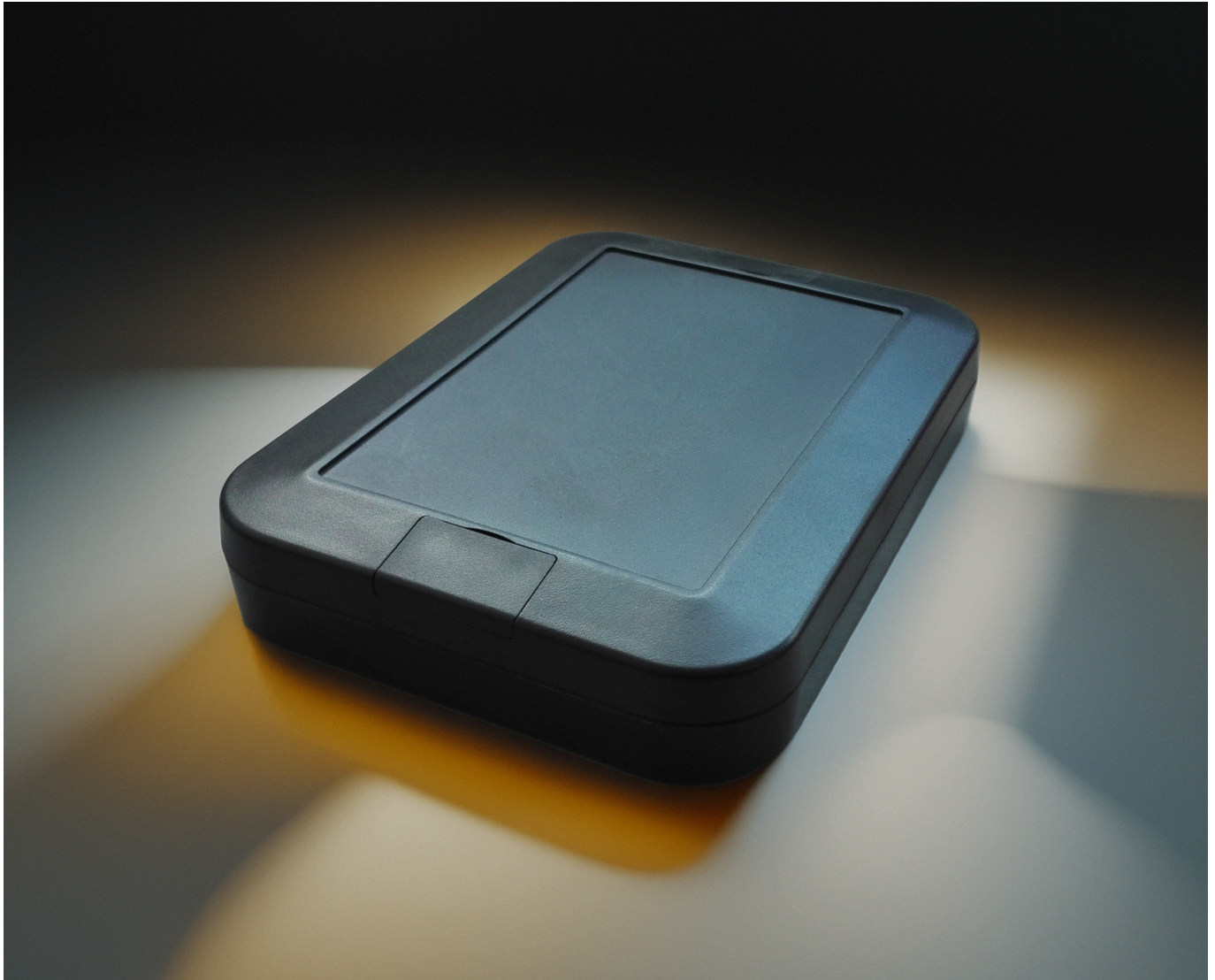
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- |     |                                  |     |                                       |
|-----|----------------------------------|-----|---------------------------------------|
| 01. | EU Coverage, Local Control       | 03. | Real-Time GPS Tracking, Built to Last |
| 02. | Power Options That Work With You | 04. | Smarter, Safer Transport              |
-





Enclosure	Dimensions	130 mm x 90 mm x 25 mm
	Material & Color	ABS, white
	Installation	Surface mounting with mounting tabs
Power Management	Power Supply	Lithium battery 3 Ah (rechargeable)
	Lifetime	Up to 250 days with two localizations per day
Temperature Regulations	Operating Temperature	-20 °C to +50 °C
	Ingress Protection (IP)	IP67
Quality & Compliance	Certifications	CE
	Warranty	24 months
Device Functionality	Mobile Network	LTE-CAT M1 / NB2
	GNSS	GPS, GLONASS, BeiDou, Galileo and QZSS
	Radio	BLE, WiFi 2.4 GHz
	Integrated Sensors	Motion sensor
	External Connector	Optional external connector for charging or inductive charging



### *Description*

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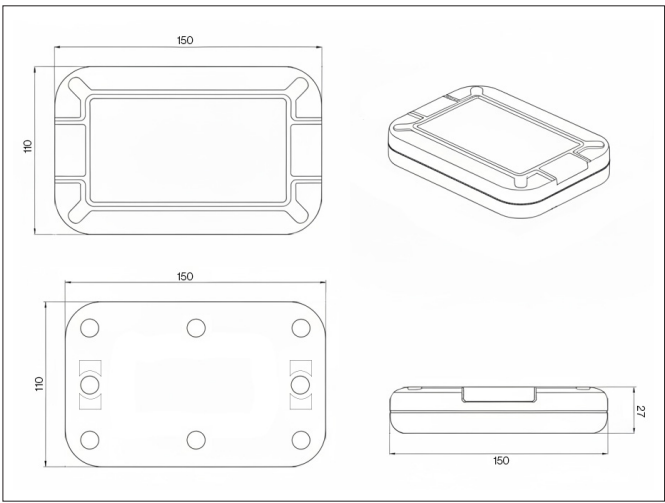
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Enclosure	Dimensions	150 mm x 110 mm x 27 mm
	Material & Color	ABS, black
	Installation	Surface mounting with mounting tabs
Power Management	Power Supply	Lithium battery 7 Ah (rechargeable)
	Lifetime	Up to 580 days with two localizations per day
Temperature Regulations	Operating Temperature	-20 °C to +50 °C
	Ingress Protection (IP)	IP67
Quality & Compliance	Certifications	CE
	Warranty	24 months
Device Functionality	Mobile Network	LTE-CAT M1 / NB2
	GNSS	GPS, GLONASS, BeiDou, Galileo and QZSS
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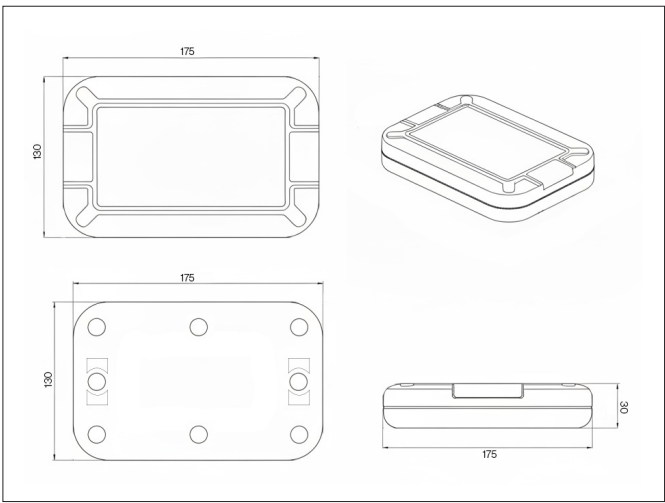
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Enclosure	Dimensions	175 mm x 130 mm x 30 mm
	Material & Color	ABS, white
	Installation	Surface mounting with mounting tabs
Power Management	Power Supply	Lithium battery 30 Ah (rechargeable)
	Lifetime	Up to 1200 days with four localizations per day
Temperature Regulations	Operating Temperature	-20 °C to +50 °C
	Ingress Protection (IP)	IP67
Quality & Compliance	Certifications	CE
	Warranty	24 months
Device Functionality	Mobile Network	LTE-CAT M1 / NB2
	GNSS	GPS, GLONASS, BeiDou, Galileo and QZSS
	Radio	BLE, WiFi 2.4 GHz
	Integrated Sensors	Motion sensor
	External Connector	Optional external connector for charging or inductive charging



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## Use-Cases

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### Inbound



The SMAVOO GPS Tracker provides real-time location visibility for goods in transit, typically before they reach the warehouse. Attach it to critical shipments, returnable packaging, trailers, or other high-value assets and monitor their journey across Europe via its integrated SIM connectivity. Geofences and alerts notify you when a shipment is approaching your facility or when it stalls, so receiving, staffing, and production plans can adjust early and docks can be prepared. Tracking also adds security: route deviations can be flagged immediately, reducing the risk of misrouting or loss. By the time the truck arrives at the gate, the shipment is already identified and inbound becomes predictive instead of reactive. The result is better scheduling, fewer crews waiting for late arrivals, fewer “lost” loads, and clearer accountability with carriers. Built for rugged logistics use, the tracker supports long deployments with low maintenance and a long battery life. Trip history supports delay and route reporting.

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### Transport



Once goods leave the warehouse, the SMAVOO GPS Tracker keeps visibility through transport until delivery. Attach it to outbound shipments, returnable assets, or vehicles to provide location updates across Europe. Real-time tracking helps teams share accurate ETAs, react faster to disruptions, and reroute or reschedule proactively when delays occur. Geofences can flag arrival at hubs or customer sites, creating clear milestones and faster exception handling. For third-party carriers, your own tracker adds an independent source of truth beyond carrier updates and reduces blind spots during handovers. Route history supports improvement by revealing recurring congestion or dwell-time hotspots. This transparency is valuable for high-value or time-critical goods, helping reduce loss, improve service communication, and raise on-time performance. Built for rugged use, the tracker supports long deployments with low maintenance and a long battery life. Teams can also prove departure and arrival timestamps.



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*Frequently Asked Questions*

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Where does the SMAVOO GPS Tracker work, and what connectivity is included?

The SMAVOO GPS Tracker comes with an integrated SIM card that works in European countries, so you can track shipments across Europe without depending on a carrier's tracking quality. This gives you stable, day-to-day connectivity for logistics and asset management, and helps turn "Where is it?" into a one-click answer.

Which versions are available, and how do I choose between S, M, and L?

The tracker is available in three versions: S (PD101.ENP.001), M (PD101.ENP.002), and L (PD101.ENP.003). The choice is mainly about how long you want to track and how much battery capacity you need, because each size is built around a different battery and housing format—so you can match the tracker to anything from short logistics cycles to long-running returnable assets.

What battery lifetime can I expect, and what impacts runtime the most?

Battery life is driven by how often you localize per day. The S version is specified for up to 250 days with two localizations per day, the M version for up to 580 days with two localizations per day, and the L version for up to 1200 days with four localizations per day. This makes it easy to plan: higher update frequency delivers tighter visibility, while lower frequency maximizes runtime for long transport cycles.

Can the tracker be used indoors and outdoors?

Yes, the SMAVOO GPS Tracker is specified for indoor & outdoor tracking, which means you can keep visibility across handovers – from yard and transport routes into facilities – without switching devices. For teams, that translates into fewer blind spots, faster exception handling, and a smoother flow when shipments move between environments.

Which network and positioning technologies does it support?

For mobile connectivity, the tracker supports LTE-CAT M1 / NB2. For positioning, it supports GPS, GLONASS, BeiDou, Galileo, and QZSS, giving you robust satellite coverage. In addition, it includes BLE and WiFi 2.4 GHz radio plus a motion sensor, enabling flexible use across different logistics and asset-tracking scenarios.

# SMAVOO *Solutions*

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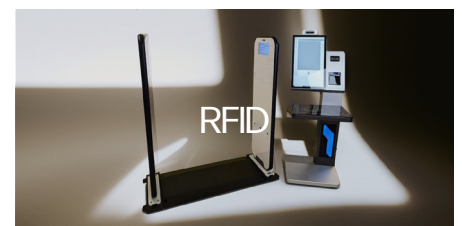
## *Hybrid Tracking*

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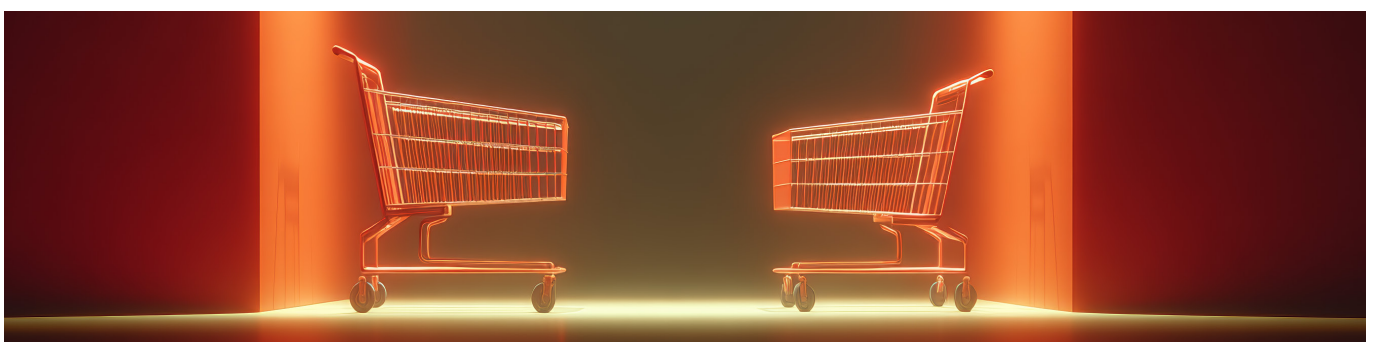
Hybrid indoor and outdoor tracking means none of your assets go AWOL on our watch. Our smart trackers give you a real-time overview over your assets, and

seamlessly move from outdoor to indoor. Our RFID solutions make sure you always know what's there - even with tricky interferences or metal parts.



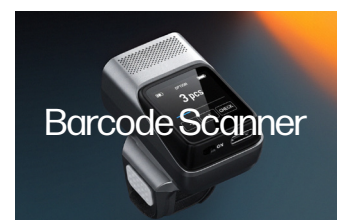
## *Smart Picking*

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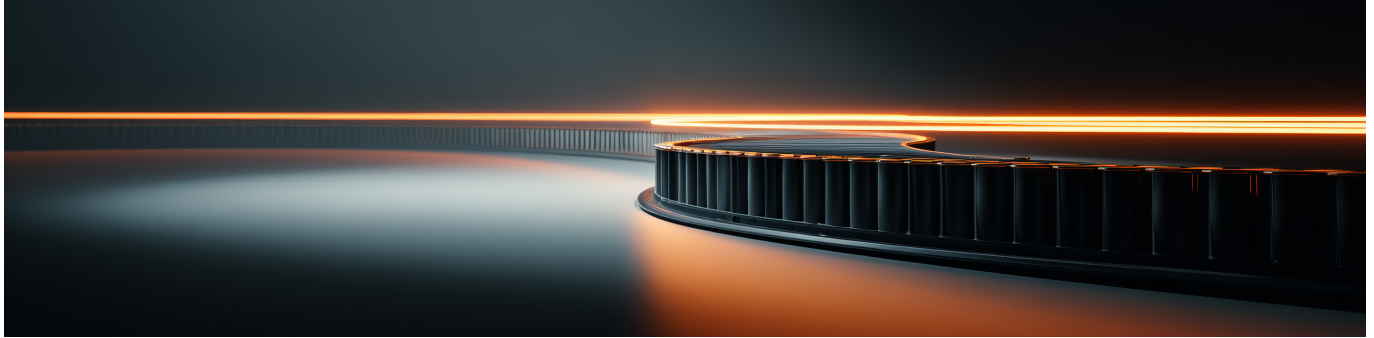
Smart picking guides your workers from A to B - and our solutions are there to make sure every pick is the right one. From saving paper by replacing picklists with

our EPD Tablets, handsfree Barcode-Scanners or our range of smart labels for KLTs and GLTs - we're always there to make sure the process flows just as intended.



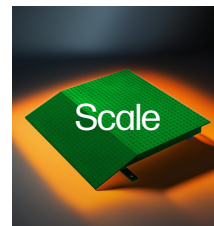
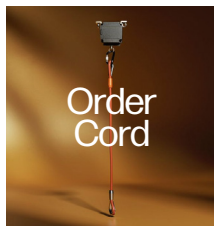


## Smart Reordering & eKanban



With our range of automatic and semi-automatic line feeding solutions, we make sure your line never stops. From Distance Sensors to Switches and Scales

that detect when material levels are below a certain threshold to Order Cords and Reorder-Buttons: We make sure everything arrives on time, every time.

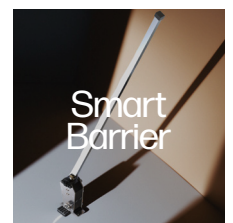
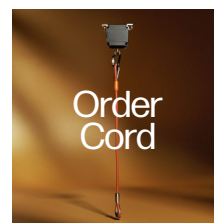


## AGV/AMR Sensors



Our range of AGV/AMR sensors make sure your indoor transport is always perfectly coordinated and safe. With light-guided systems, AGV Buzzers and Smart

Barriers, your existing fleet always finds its way through your warehouse - and if you're still looking for an AGV fleet, we've got you covered with our models as well.



## About SMAVOO

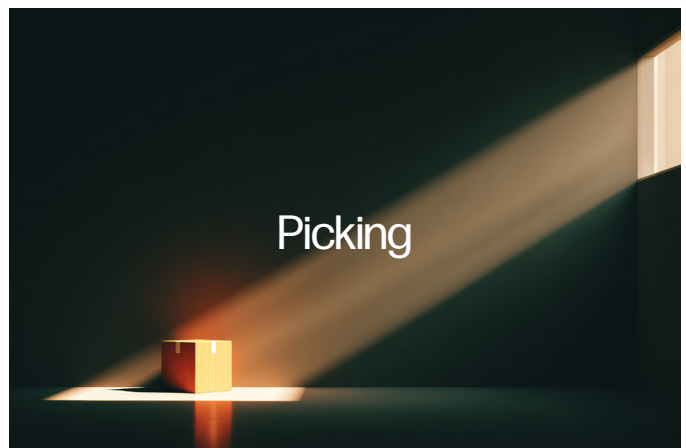
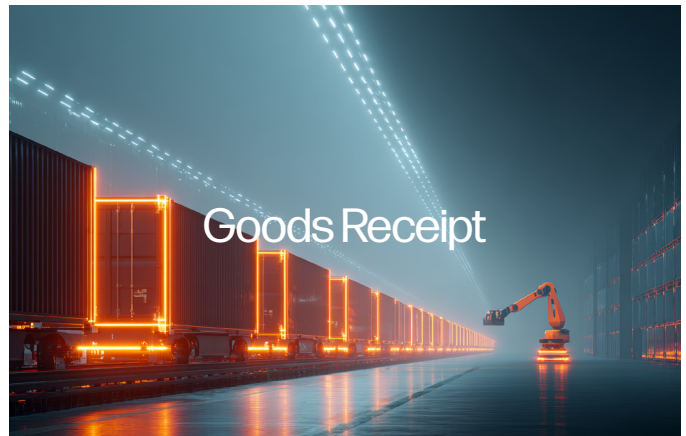
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At SMAVOO, we believe in all-in-one-solutions: Hardware, Software & Service. We specialize in Industrial IoT (IIoT) solutions for production and logistics. Our expertise spans RFID technology, sensor networks, and software development with the goal

of creating modular systems that make operations efficient, transparent, and error-free. Our customized solutions help companies digitalize their processes and make smarter decisions through real-time tracking across all modern workflows.

## Material Flow

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We're not here to bulldoze your workflow: Keep what works, ditch what doesn't. We plug in, make it smarter, and let you scale or pivot without rewriting your playbook. And because we're logistics people too, we know the pain of endless integration projects. We've

been there, done that, and built something better: Fast rollouts, real support, and partnerships that don't vanish after go-live. Our track record? Industry leaders trust us to keep them ahead - because we deliver the goods, not just the sales pitch.



Smart, Seamless and Scalable. Or *Simply SMAVVO*.



## *Contact Us*

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Excited about the future? So are we, and we look forward to optimizing your processes together. Whether you're interested in a demo setup or just a casual introduction, you can reach us here.

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*General Enquiries*

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Managing Director  
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