

# Easy Locator Core

GROUND PENETRATING RADAR

The world's first intelligent GPR solution





## Optimized for locating and mapping utilities

The Locating industry demands high quality, ruggedized and precise GPR equipment. Field equipment needs to be easy to transport, quick to setup and use and with right functionality to efficiently getting the job done.

The MALÅ Easy Locator Core is the new market leader in GPR utility locating and mapping. Its functional design and ease of use are desired by utility locators world-wide.

It's lighter and easier to use than anything else but also extremely rugged and capable of traversing the toughest terrain when combined with the recommended RTC Mini option.

## Intuitive for beginners — Complete for experts

MALÅ Easy Locator Core is the state of the art, intelligent ground penetrating radar solution for utility locating professionals.

Easy Locator Core includes the best data quality on the market, real-time interpretation support through MALÅ AI; wireless data collection using mobile devices; cloud storage, post-processing and on-site reporting using MALÅ Vision.

All with the fastest workflow on the market.



## Avoidance

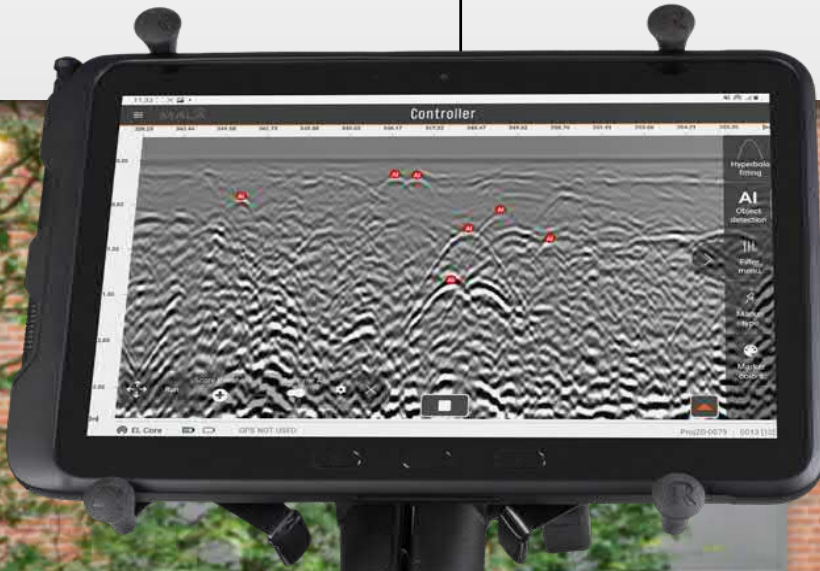
Avoidance is mainly done on the fly by the same team performing the on-site excavation. The MALÅ Easy Locator Core is great for avoidance with its light and flexible design, ease-of-use and unique ability to support the user with instant feedback from MALÅ AI.

## Mark-out

Mark-out is carried out by professional locators such as surveyors or engineers ahead of excavations to pinpoint and mark utilities. The Easy Locator Core has a number of unique strengths which make it the best choice for any mark-out project.

## 3D mapping

Mapping involves post-processing and interpretation of data, producing a map of all utilities in an area. The cloud-connected Easy Locator Core offers unlimited mapping of utilities in a number of different ways such as with our powerful Dynamic grid or fully unrestricted using RTK GPS or a Total Station.



# MALÅ CONTROLLER APP

## GPR data acquisition on your mobile device

MALÅ Easy Locator Core is the first product world-wide using intelligent real-time interpretation support for utility locating. Set gain and contrast, remove background noise and set object and surface markers while collecting data. The touch-based interface speeds up your survey, letting you deliver results quicker.

Dynamic Grid lets you adapt to your site and collect 3D data with varying profile lengths. Just set your grid spacing and start collecting! Then, watch the profile being collected in real-time while keeping track of your position.

After acquiring your GPR data, upload it to MALÅ Vision with markers and meta data. Instantly share and present the data to anyone, anywhere.



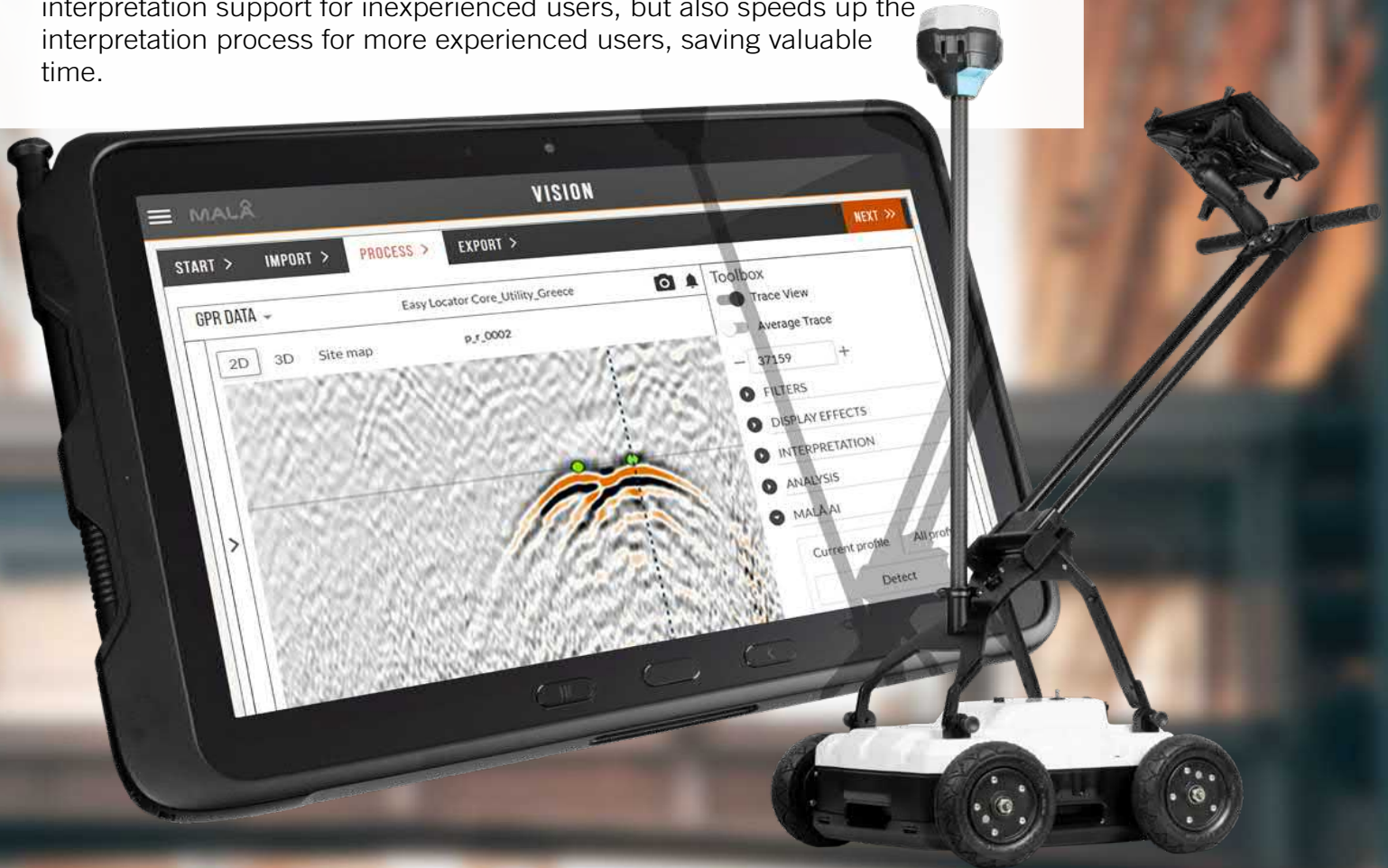
# MALÅ VISION

## Intelligent GPR processing and analysis software on any device

Document all buried assets with MALÅ Vision, our easy to use cloud-based software. Vision will help you go as fast as possible from data collection to delivering results.

Visualise and present GPR data in 1D, 2D and 3D. View interpretations together with Site map, 2D data, interpolated 3D images or time slices. Overlay your results on Google maps or OpenLayers, use satellite images or Street view (first person view) of your site. Export your results as printed maps, dxf or kmz for easy sharing.

Our marker tool imports all MALÅ AI markers from the field that can be made into markers with localized utility color codes. This provides an invaluable interpretation support for inexperienced users, but also speeds up the interpretation process for more experienced users, saving valuable time.



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# Technical Specification

MALÅ Easy Locator Core is a state of the art, high quality, intelligent ground penetrating radar for utility locating professionals. MALÅ Easy Locator Core includes real-time interpretation support through MALÅ AI; wireless data collection using mobile devices; cloud storage, post-processing and on-site reporting using MALÅ Vision.

## MALÅ Easy Locator Core

<b>Acquisition platform</b>	MALÅ Controller App
<b>Processing platform</b>	MALÅ Vision
<b>Recommended tablet</b>	Samsung Galaxy Tab Active Pro
<b>Artificial Intelligence</b>	Real-time MALÅ AI
<b>Core technology</b>	MALÅ HDR real-time sampling
<b>Data output</b>	32 bit
<b>Operating time</b>	> 8 h
<b>Dimensions (in operation)</b>	102 x 49 x 79 cm
<b>Dimensions (folded)</b>	29 x 49 x 83 cm
<b>Weight (in operation, excl. tablet)</b>	15 kg
<b>Max survey speed</b>	> Highway speed
<b>Environmental</b>	IP65
<b>Positioning</b>	RTK GNSS (option), DGNSS, mobile device positioning, encoder, Total station support
<b>Acquisition mode</b>	Encoder wheel, time or manual
<b>Antenna center frequency</b>	450 MHz
<b>SNR (signal to noise ratio)</b>	> 102 dB
<b>Bandwidth</b>	> 121 %, fractional, -10 dB
<b>Power supply</b>	Dual interchangeable 12 V Li-Ion, external 12 V DC source
<b>Rough terrain capability</b>	MALÅ Rough Terrain Cart Mini (option)

