

Company Profile

**Ultrasonic
Sensors That
Work**



About

MaxBotix Inc. started in 2004 with a mission to provide affordable high-quality ultrasonic sensors for product developers.

In the marketplace we've noticed an increase of low quality and unreliable sensors being introduced.

Often those low quality sensors do not meet the objectives of product designers.

By collaborating with our customers, we've been able to develop products that will truly work in their projects and industry.

We strive to be your first choice for sensor solutions by providing high quality sensors that meet your application needs.

Honor God by transforming communities and providing better opportunities.

We initially established our sensors as the product of first choice in the hobby and education markets, and now focus on the OEM market, which continues to integrate our sensors into new and proven applications because we deliver the solutions they need at competitive pricing.

Awards

"It's an honor to be recognized among the leading companies in America. We appreciate our employees for their dedication and talent, as well as our loyal customers for their support."

- Bob Gross, CEO



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Core Values

Positive Attitude

Results

Integrity

Continuous Improvement

Excellence

The foundation of our quality concept is our **core values**:

PRICE is our backbone for delivering exceptional quality.

We treat others well, focus on our goals and overcome issues that arise.

We go the extra mile to achieve timely results.

We do what is right even when no one is watching.

We improve, innovate, and embrace change.

We are passionate about people, process, product, and service excellence.

Company Goals

Our goal is to be the sensor company of first choice by providing high-quality products, services, and customer care at competitive prices that meet and/or exceed the needs of our customers.

MaxBotix is committed to meeting its customers' requirements and expectations by continuously improving its products, services and business processes.

Why Ultrasonics?

Main Advantages of Using MaxBotix Ultrasonic Sensors

- Not affected by color or transparency of objects
- Can be used in dark environments
- Fully tuned beam patterns
- They have greater accuracy than many other methods of measuring distance to a parallel surface
- Their high frequency and sensitivity make it easy to detect objects
- Low-cost option
- Not highly affected by dust, dirt, or high-moisture environments
- Our SCXL-MaxSonar-WR product line is self-cleaning which allows for continuous running and less downtime
- MaxBotix ultrasonic sensors are easy to use and not dangerous during operation to nearby objects, people, or equipment
- These sensors easily interface with microcontrollers or any type of controller

Your Project is in Good Hands

We're **ISO 9001:2015** certified.

What our ISO 9001 certification means for you as a customer...



It means that we've taken the process seriously to ensure that you get the best products and customer service.

We're committed to providing our customers with a high level of quality, reliability & safety in all stages from design through production for your peace-of-mind when using MaxBotix Inc's product line.

We pride ourselves on designing sensors that work and building relationships that last.

Made in the USA

Our sensors are designed and manufactured in the USA with US and imported parts. We have control of the manufacturing process in our facility in Brainerd, Minnesota.

Quality Tested Sensors

We put our sensors through a rigorous testing process which allows us to stand by our products. We've established and verified a mean time between failure (MTBF) of at least 20 years.

Personalized Solutions

When you're looking for a sensor solution for your application, we think it's best to walk you through our sensor selection process, so we can identify the right sensor for your project. Customizing the solution to meet your needs is what makes all the difference.

By taking that time to work with you, we are able to make the best sensor recommendation from our current product catalog, or we can assist you in the design process in developing a semi-custom solution.

Collaborators

Our collaborators serve as **case studies** to show you how the sensors are being used in an end user application.

You can either leverage our Collaborator's end product or work with us to find the right sensor for your solution.

Scan Here to View Our Case Studies



Some of our trusted collaborators

Radio Bridge Inc.

Serving retail, industrial, oil and gas industries and more, this solution is typically used in tank monitoring applications. Wireless connectivity with LoRaWAN protocol for applications where Internet connectivity is not available, or when long battery life is necessary.



ELSYS

The ELSYS ELT-2 has been used in real-world applications like underground water level measurement, waste level measurement in containers and snow depth management. The ELT-2 also has embedded sensors for measuring the ambient temperature, humidity, atmospheric pressure and acceleration.



ellenex

The DUS2 ultrasonic level sensor is a low power, battery operated non-contact solution. The solutions ellenex supports include water tank level monitoring in farms, water trough level monitoring, flood monitoring and more.



Specialized Application Support

Monitoring Assets in Cargo Trailers with Sensors



IRXL-MaxSonar-CS

Monitor the presence or absence of cargo in a 53' trailer, reliably.

- Track container arrival and unloading completion with a time stamp
- Monitor and optimize load and unload cycles
- Increase the trust between you and your clients by giving real time updates on the status of their load

Specialized Application Support

Wireless Level Measurement

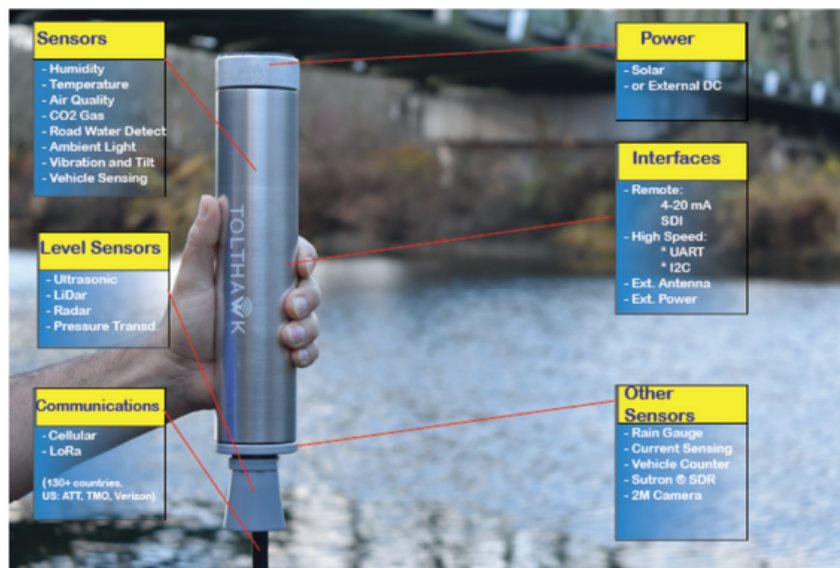


Image is ToltHawk's customizable hardware and cloud solution.

- Track the rate of waste containers filling
- Check the level of raw material silos on construction sites or on farms in real time.
- Monitor the water level of rivers to identify rising water levels during periods of heavy rain.

Scan to view live measurement data



Specialized Application Support

Other IoT Solutions

Smart Marina Management

Using IoT sensors to detect the presence of boats in a marina.



Chemical Level Sensing

Monitor the level of chemicals real time in chemical tanks remotely.



Tank Sensor

Optimize tank-level measurement solutions with real-time data. The robust TankSensor series features level measurement up to 16.5 meters (54ft)



How It Works

We have a wide variety of sensor solutions available, in fact over 1,700 SKU configurations.

Due to the complexity of options, we have simplified the buying process into three easy steps.

We are ready to help you find the right sensor for your application.

Step By Step



1. Discuss your application with our support team



2. Choose a Sensor



3. Integrate the sensor in your application

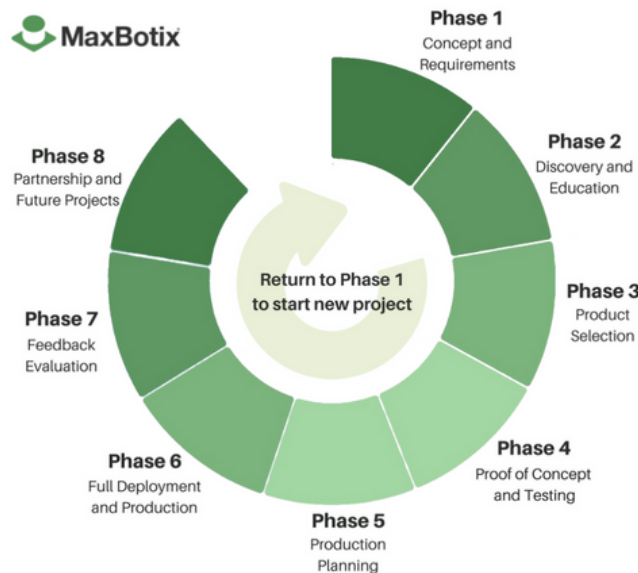
Scan Here to Get Help
Finding the Right Sensor
Solution



Custom Sensor Solutions

We offer custom solutions for many of our OEM customers.

If there isn't a sensor in our current product offering that works for your needs, our team can work with you to see if we can develop a viable solution.



We'll walk you through every phase to ensure you have the best fit for your application.

Custom Solutions

Cabling and connectors

Matching the sensor's connection to your system is critical for success and ease of integration.



Contract Manufacturing and Box Builds

Benefit from our commitment to a high-quality build process that delivers an affordable on-time solution.



Ask a customer care team member how we can align our custom solutions with your project requirements.

Want to know more?

Visit us at maxbotix.com

We have resources on our website designed to answer questions and explain concepts. Our site features all of our products and a sensor selection guide to help you find what you need.

Email us with any questions you may have at sensors@maxbotix.com

Whether it's about sensor selection or tech support, we are always happy to help.

You can also give us a call at (218) 454-0766

Our staff is always happy to talk to you about tech support, distributor opportunities, and more.



The names MaxBotix®, MaxSonar®, ProxSonar™, TrashSonar™, ParkSonar™, EZ0, EZ1, EZ2, EZ3, EZ4, AE0, AE1, AE2, AE3, AE4, WR, WR1, WRA, WRL, WRLA, WRM, and WRMA are trademarks of MaxBotix Inc.

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This may include certain forward-looking statements.

While we firmly believe these statements are true, they are subject to change.