

**Forward Thinking  
Manufacturing**

[mic-tec.com](http://mic-tec.com)

# The Next Evolution

The world is changing and with it comes new technology and innovation that will break the boundaries of what we once thought possible. No industry is immune and we live in a time where these advancements are exponential. The limitations of yesterday are barely considerations for tomorrow, and it's not just a shift in capability.

## It's a shift in thinking.

Problems we never dreamed solvable some fifty years ago, are now not only accessible, they are economical. Incremental thinking is being replaced by wholesale revolution, and at Micro, we know this first hand. For over fifty years, we have been solving the design and manufacturing challenges others could not. We've manufactured and delivered billions of flawless components to over thirty countries in industries where failure is not an option, and we excel in these environments of no compromise as the trusted provider for top tier OEMs.

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**A single component, better designed and integrated into mass production, can shift the impact of new technology from interesting idea to global game changer.**

**One Company. One Passion.  
To do things better.**

We exist, not only to manufacture componentry to the highest quality standards, but also to advance the implementation of new technology for the betterment of industry. Where it cannot be done, we are committed to finding a way, and when it has been done, we find a better way.

**We are the willing.**

We invest heavily into uncovering the tools, technologies and innovations available with the single aim of helping our clients deliver smarter, smaller, safer and faster outcomes. Micro empowers you to re-think the products you engineer, and the componentry you make, to unpack greater value in multiple ways. With Micro, our clients are:

- Actively using us to adapt to manufacturing innovations in ways that have bottom line impact.
- Provided multiple costed out solutions to the same problem, to empower choice and decision based on innovation appetite.
- Exposed to ideas on a scale unheard of in our industry. We go beyond the scope to deliver more.
- Experiencing increased quality and performance on a lower cost per part, quicker time lines, all with predictive logistics control.

Today, we deploy the intelligence of innovation via our MicroLabs team to embrace the problems and challenges our clients bring to us, and implement those solutions in-house with flawless execution and precision via our MicroTech manufacturing facility.



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**Innovation delivered *means* innovating and executing. These are the two halves to Micro, and one cannot exist without the other.**



**Michael Tucci**  
President and CEO

#### **Innovating and Executing; Micro's 2 Halves.**

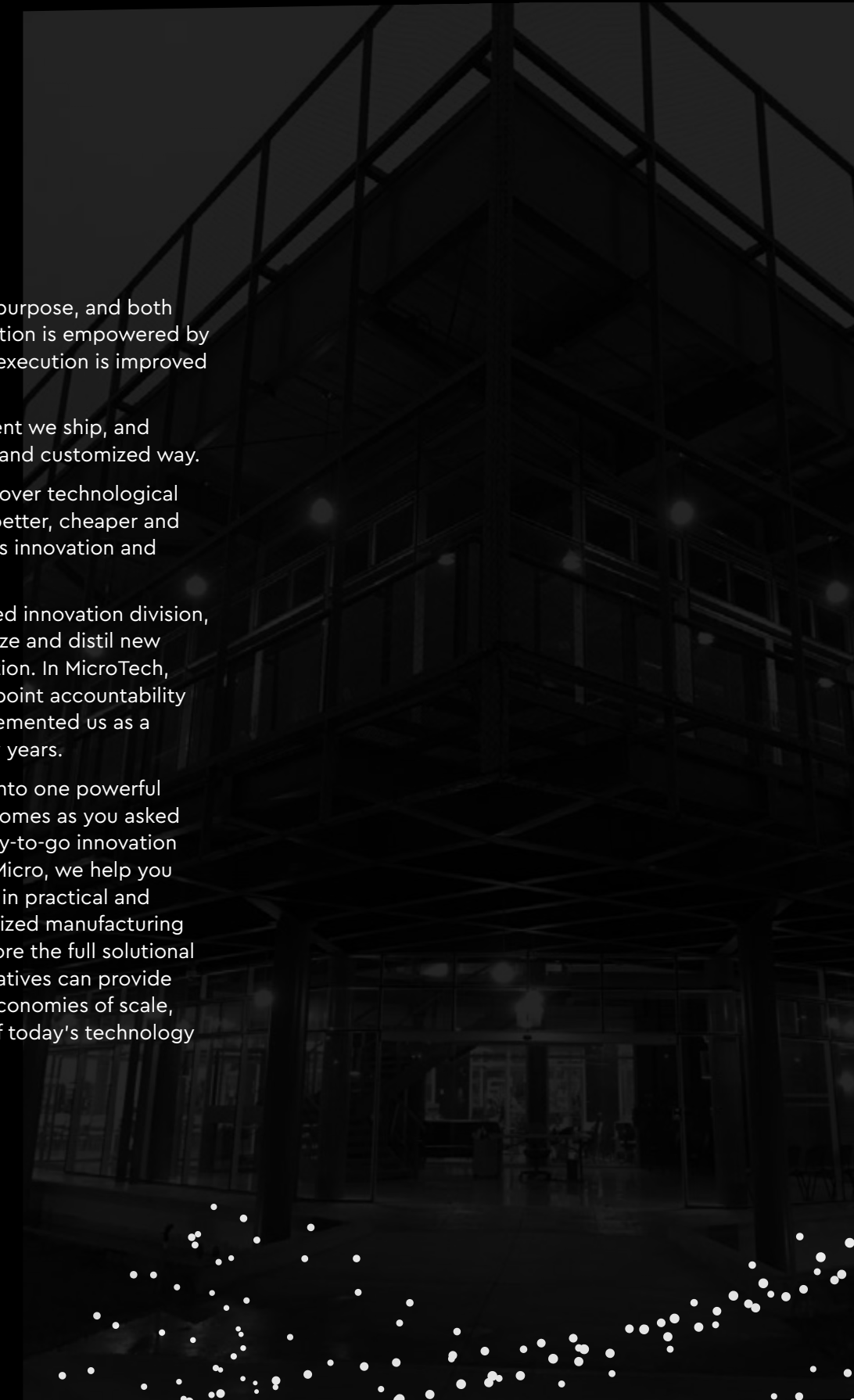
One without the other is without purpose, and both make the other better. Our innovation is empowered by our commitment to execute. Our execution is improved by our innovative mindset.

At Micro, we build every component we ship, and design every solution in a holistic and customized way.

We leverage our capability to uncover technological advancements that manufacture better, cheaper and faster parts for clients. The result is innovation and execution, all under one roof.

In MicroLabs, we house a dedicated innovation division, whose role is to research, strategize and distil new innovations for real world application. In MicroTech, customers enjoy the same single point accountability and quality outcomes that have cemented us as a leading manufacturer for over fifty years.

Practically, we integrate the two into one powerful process. We provide you the outcomes as you asked for them, and then show you ready-to-go innovation alternatives for consideration. At Micro, we help you navigate the innovation spectrum in practical and usable ways, by providing customized manufacturing options for your project that explore the full solutional bandwidth available. These alternatives can provide better part performance, better economies of scale, more efficiency and greater use of today's technology and innovation.





# We excel in environments of no compromise as the trusted provider for top tier global OEMs.

**Micro delivers billions of flawless components to over thirty countries in industries where failure is not an option. When almost every component we make is life critical, we combine over five decades of single point safety accountability and manufacturing flawlessness with the new-world technology and thinking that customers need to compete and win.**

Our complete in-house capabilities enable us to design and prototype new solutions with one stop tooling, molding, stamping, automated assembly, calibration and testing. This single point accountability enables us to do more with every project.

We design, build, and operate our own automation because, unlike most, we believe simplicity is genius when it comes to making sure products are put together with the utmost integrity. Our quality protocols are an amalgamation of not one but three ISO standards because we believe that people don't fail, systems do. Some may call us obsessive. In fact, we know many do. To that we say thank you, it has taken us a long time to master that obsession.



## OEM supply experts

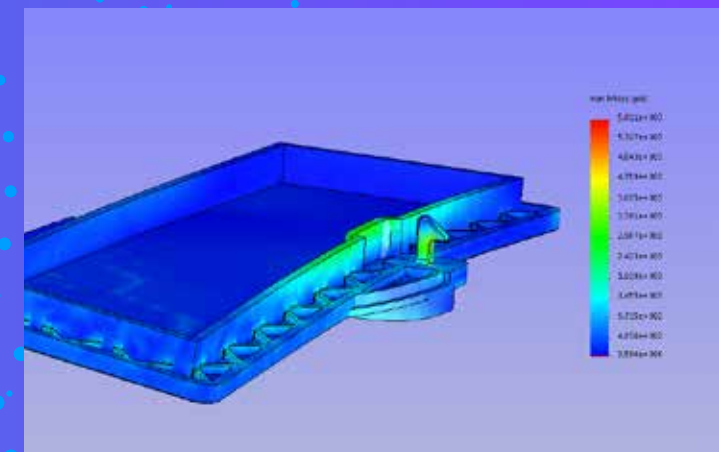
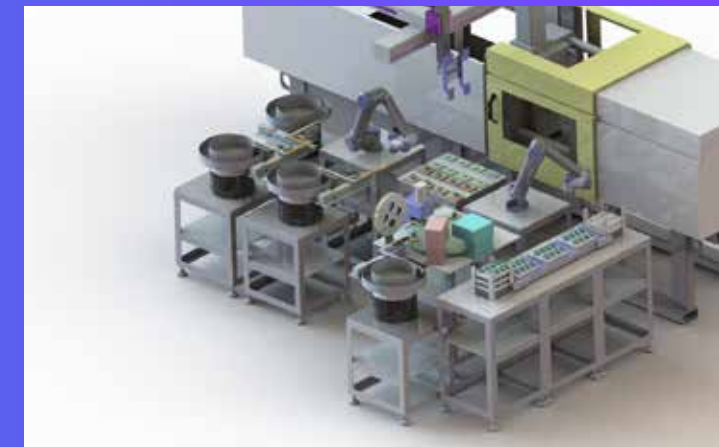
MicroTech ships millions of critical components around the world every week, often direct dock to stock. Our supply chain and logistics systems are designed to deliver in the exacting world of OEM supply and our delivery and quality records speak for themselves.

## More than just a supplier:

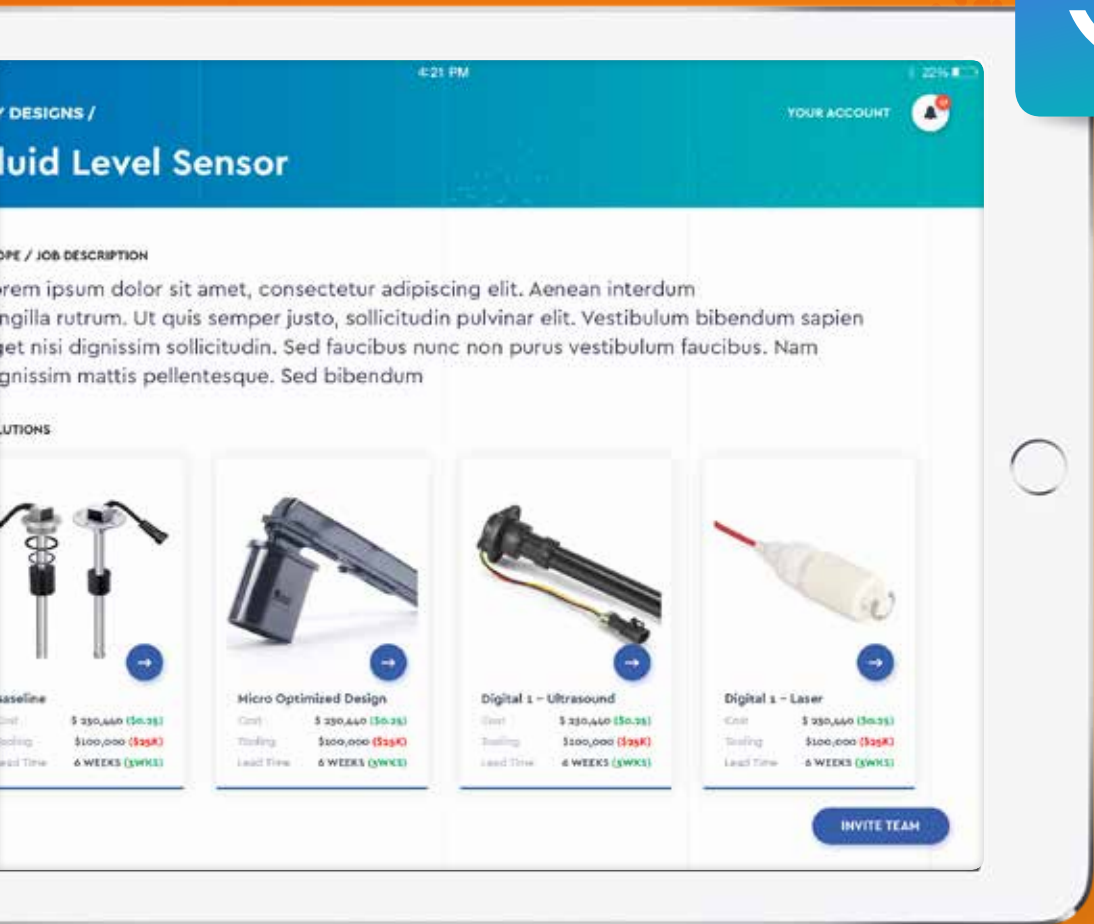
Micro is your partner in design improvement, cost reduction and business plan execution. When our customers release successful designs, capture market share and take down their competitors – we succeed.

## In House:

- Design
- Tooling
- Stamping
- Assembly
- Testing
- Prototyping
- Molding
- Automated
- Calibration



# MicroLabs: Tomorrow's Manufacturing Innovations, Today



The Micro approach to innovating and execution is seamless and integrated. We are a complete in-house problem solving, solution design and manufacturing provider. Some companies provide innovative designs, and others still incremental improvement suggestions, but Micro fuses both the capacity to manufacture outcomes and the capability to design innovative solutions into one process, within a zero-defect environment.

In MicroLabs, we've implemented a process and approach to help digest the overwhelming volume

of technology and innovation options available today and accelerate your adaptability for the future. Micro has transformed into a fully functional innovation and manufacturing house, integrated to ensure a seamless and easy experience for customers.

The MicroLabs team work closely on every project to go over and beyond in providing alternative solutions that utilize technology and innovation to solve the same problem. More solutions to the same problem gives customers

## Our proprietary process S.M.A.R.T.E.R.

We are a complete in-house problem solving, solution design and manufacturing company. To provide you more options to choose from, we integrate into every project the MicroLabs process using our proprietary methodology called S.M.A.R.T.E.R.

1.

BRIEF

Micro

2.

S.M.A.R.T.E.R

By MicroLabs

3.

MANUFACTURE - The Microtech manufacturing platform brings outcomes to life on budget and to spec.

4.

DELIVERY & LOGISTICS

S

SIMPLIFY

Boil complexity down and understand the core need.

M

MEASURE

Quantitatively define the most important outcomes.

A

ACCESS

Utilize of innovation possibilities to match to project.

R

RACE

Divert all possible resource to move as quickly as possible and find solutions.

T

TECHNOLOGY AGNOSTIC

We look across every available technology to find the right solution.

E

ENGAGE

Collaboratively present standard vs. alternatives to client for feedback.

R

REPEAT / RELEASE

Repeat to iterate or release to execute with the MicroTech manufacturing team.

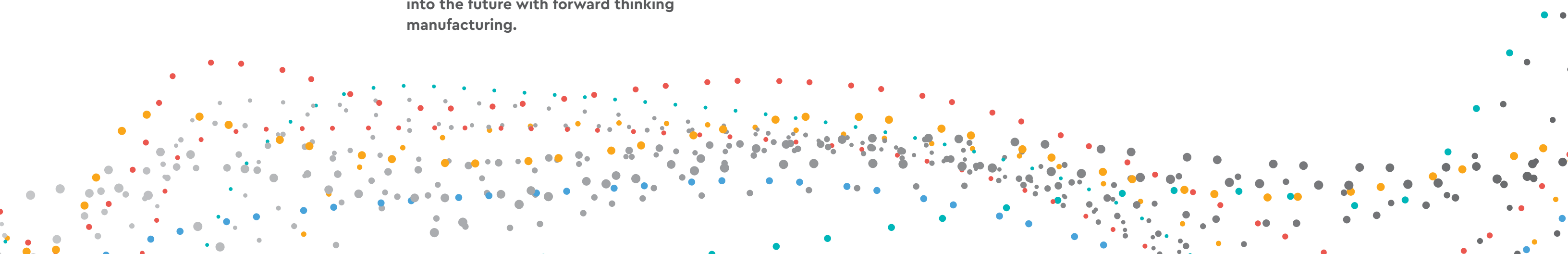
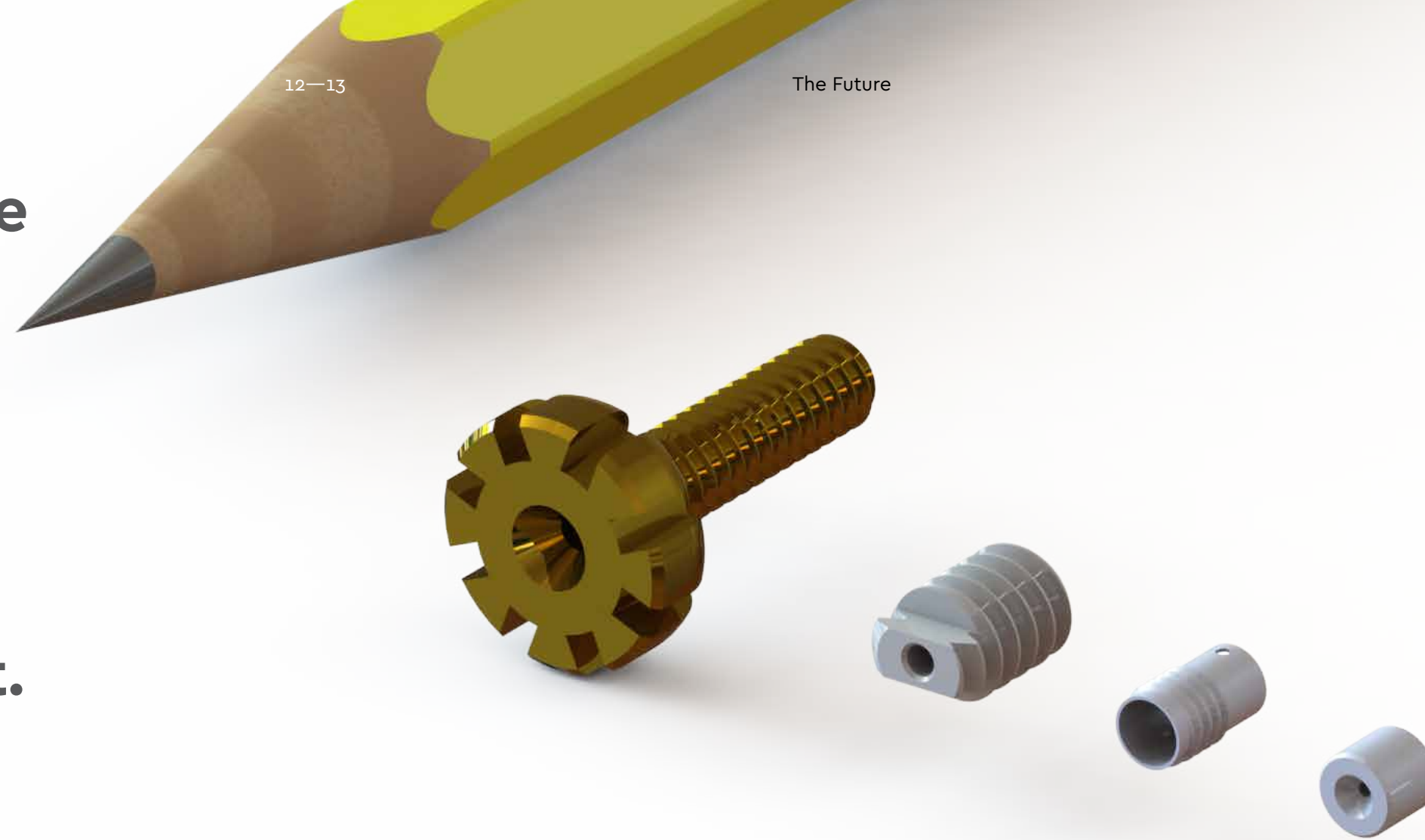
**This is our mission: To advance  
manufactured technology  
into present day application.  
A single component, better  
designed and integrated into  
mass production can unlock  
immense value for each client.**

## The Future

Looking to the future, we care deeply about the client relationships we've spent decades building, and the challenges they face today, and tomorrow, drive us to be better in execution, and innovation. Recognizing the shifts already taking place, we are actively looking to the future to pre-empt the industry innovations that will take place, and translate those into value for today.

It goes beyond adoption, and into transformation. For companies who don't have the time to adapt to the evolving technological landscape, we are the critical piece, as we deliver these benefits directly to output quality, price point and time frames.

**Visit [www.mic-tec.com](http://www.mic-tec.com) to find out more  
about how we help propel companies  
into the future with forward thinking  
manufacturing.**





# Our Verticals

Find out more on our custom industry specific services for each vertical on request.

## MicroTech Auto

Today, one in every three cars built relies on Micro components for its engine management, passenger safety, and other life critical applications. Since our design and manufacture of the contacting systems used in the early electro-mechanical drive by wire systems in the early 70s, Micro has been an integral supplier to the OEM automotive industry. Our history includes key roles and part of the core team that developed and manufactured the first air bag systems, designed sensing technology behind tire pressure monitoring, and the invention of new material (now industry standards) to reduce electro-mechanical system costs by 25%.

## MicroTech Medical

Strategically located in Costa Rica, Micro is an integral solution provider in medical device manufacturing, working closely with some of the biggest companies in the field as well as growing companies and established OEMs, to solve their design and sourcing needs. We stand out in a field of single technology providers with scalable and proven manufacturing capabilities in tooling, both metal and plastic components, and automated assembly.

## MicroTech Industrial Robotics

Today, Micro skills are called upon to help scale the growing needs of the robotics industry. Increasing autonomous technology solutions need to be grounded in safe and reliable hardware and we provide the necessary counterweight to over-innovation. Each component we supply comes with our fifty plus years of experience in knowing what works and we employ both the historical learning, intelligence and human capital to deliver.

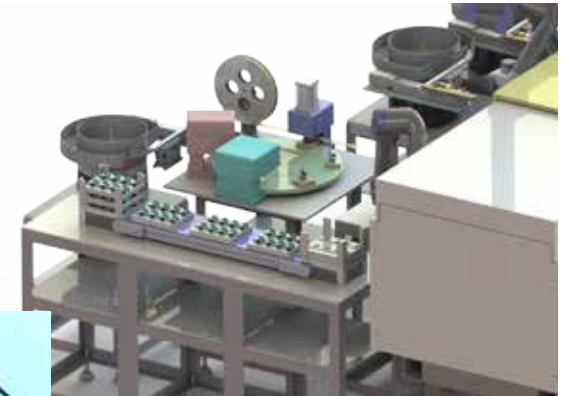
## MicroTech On Demand

We at Micro are passionate about bringing products to life. If you have a design or production challenge, need a partner to scale hardware technology the right way, or you're in need of a plastic or metal component with high consequence of failure, Micro is the right partner for you.

At Micro, we provide on-demand design and production services as well as contract product assembly and precision sensory supply. We can design, tool, validate, and produce using the right technology for your needs, all with the discerning eye of capable experience from over 50 years in the business

- No problem too hard, Micro has a willingness to tackle the 'too hard' projects that others wont and provide strategy, design and manufacturing services on demand for common and critical applications, regardless of industry.
- ISO 13485:2003 certified
- ISO 9001:2008 certified
- Product Innovation, DFM, Process Validation, and Reverse Engineering Service
- Product transfer protocols
- Complete in house tool design, build (molds, dies, automation), and validation (PPAP)
- Clean room packaging, injection molding, micro-machining, metal stamping component fabrication
- Packaging design and selection
- VMI and global shipments
- Millions of life critical units delivered weekly





# A purpose-built manufacturing facility in the Americas

Our state of the art greenfield facility in Costa Rica is purpose built to facilitate Micro's exacting performance requirements. The facility provides a global base of operations with room to grow both our technology solutions and the continued improvement of our team members. The open design and glass partitions support both our culture of speed and transparency, whilst the carefully controlled environment creates the predictable baseline for cognitive manufacturing. Its strategic location allows proximal sourcing of the NAFTA region with easy and cost effective channels for global distribution.

We are often asked why Costa Rica to which there are several positive answers. Aside from Costa Rica's safety and predictable government stability, Micro continues to invest in Costa Rica for the talent and work ethics of its people, the proximity to the US, and for ease of global supply.

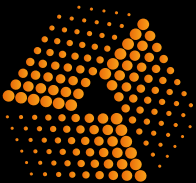


# At Micro, we are driven by culture. We hire, measure and manage on our quantifiable measured core values.



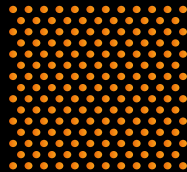
## Nothing thrives without integrity

Integrity is not just a virtue. We believe it to be the tangible and key ingredient that binds us together. Integrity in our people means we keep our word every time we give it and when we can't, we own it early. Integrity in our systems and processes means we keep them whole, singular, and capable. Integrity as a company means we honor our commitments, partners, and relationships, and always seek to do the right thing.



## We reward innovation, worship execution.

Everyone has ideas and plans, but what separates us from the pack is how well we execute those plans, even when things don't go as intended. We train until failure and believe in being resilient and adaptive because while the goals don't ever change, no plan is perfect. In these instances, we fail fast and adapt as needed to reach our goals on time. Execution to reach goals blinds us until we reach them.



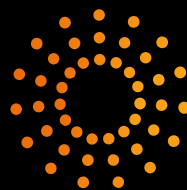
## We will figure it out. We always have and always will

We pride ourselves on finding and building the most direct route to any solution. Our solutions are more cost effective and robust than our competitors, and are backed up by elegantly simple systems to ensure success. For us, perfection is obtained when there is nothing left to take away.



## Together we can change the world

We think big, set huge goals, and truly believe that together, we can change the game. Our passion is fueled by the notion that a single component, better designed and integrated into mass production, can shift the impact of new technology from interesting idea to global game changer.



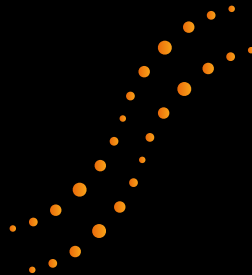
## Simplicity is genius

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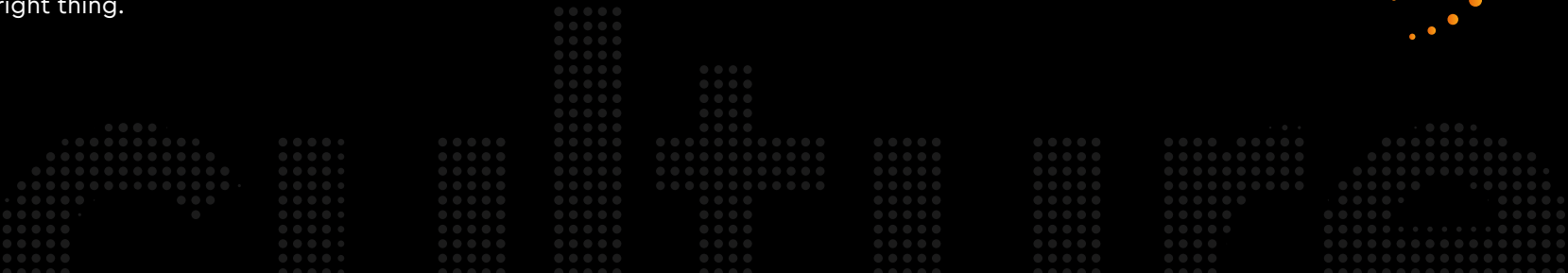
## Challenge the norm

For us, great just isn't good enough. We are engineers at heart and have always made our mark by doing things better than others. From the start, we have taken work that others feared and we never give up until the answer is found.



## If we cannot measure it, we can't do it

We subscribe to the adage, "That which is measured is achieved". That statement is used to govern the day-to-day running of Micro, and keep us focused on high payoff activities. Our business is black and white, and our way of working reflects it: Measure, define, improve. We don't over-measure, but this fanatical discipline to always know the truth empowers us to know exactly where we stand on all fronts and how effective any improvement is in real time.



## Contact us today

Every innovated solution is backed by the uncompromising pursuit of excellence at every phase of our manufacturing process.

We invite you to contact us to learn more about the integrity built into our systems and processes.

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