



**COMPANY
PROFILE**



THINK DETAILS
ACT WITH EXCELLENCE

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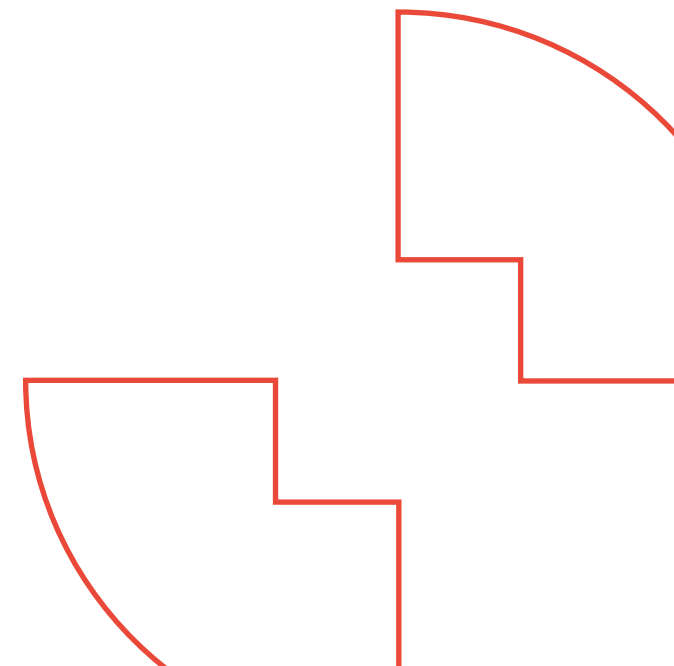
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For over two decades,

MEPEQ has demonstrated a track record of success in leading industrial engineering projects and providing solutions that not only meet customers' production needs but also exceed their expectations.

MEPEQ has been, and will always be, a human-level organization.

As we reflect on our path, we are reminded that our success is not only measured in numbers but in the partnerships we have nurtured and the profound impact we have made.

With a passionate skilled team and a vision for the future, we have grown locally, expanded regionally, and set our sights on international horizons.

Looking ahead, we remain devoted to excelling in what we do, seeking greater heights. We will continue to grow and establish new satellite organizations that preserve the core of our unique culture, inspiring future generations.

We invite you to journey through the essence of our identity – a reflection of our core values: Courage, Distinction, Accountability, Care, Adaptability, Passion, and Inventiveness.

ABOUT MEPEQ

Established in 2003, MEPEQ is an Industrial engineering firm providing customized automation and connectivity solutions for manufacturers from all industries seeking to upgrade their facilities' shop floors, automate their end-of-line processes, or modernize their intralogistics.

We are a passionate team of world-class engineers and technicians periodically accessing the latest innovations in robotic technology, committed and dedicated to delivering high standards of excellence.

MEPEQ takes pride in being a catalyst for the implementation of smart manufacturing; we offer consultancy services and innovative solutions that guide existing factories on their journey towards Industry 4.0.

We craft systems that excel in performance and uptime, drawing on the expertise of our passionate team of world-class engineers and technicians to optimize business productivity for our client.

We integrate third party supplies of Processing, Filling and Packaging Lines from our reputable manufacturing partners, offering our clients a turnkey solution for their greenfield site or an upgrade of existing lines in their brownfield environment.

By seamlessly blending expertise with inventiveness, we leverage the power of efficiency to analyze the constantly changing business requirements of our clients.

OUR MISSION

We engineer, build, and integrate adapted intralogistics and production line solutions, leveraging an optimal blend of mechanics, robotics, and human expertise to maximize efficiency.

OUR VISION

We aspire to become the go-to partner for manufacturers seeking to upgrade their facilities' shop floors, automate their end-of-line processes, or modernize their intralogistics.

OUR VALUES

We take pride in our unique values that fuel our mission to be the go-to partner in the field:



Courage



Distinction



Accountability



Care



Passion



Inventiveness

OUR PHILOSOPHY

WE MAKE IT GREAT

We deliver a high standard of excellence in everything we do.

WE WIN AS A TEAM

We view each other as part of the same team, striving to deliver the brand promise to our customers.

WE ALWAYS DELIVER

We're driven by our commitment to deliver exceptional products, services and experiences.

WE DO WHAT'S RIGHT

We ensure everything we do is reliable, consistent, and executed with the utmost integrity.

WHAT WE OFFER AT A GLANCE



**CUSTOMIZED AUTOMATION
SOLUTION**



**PRODUCTION LINES
INTEGRATION FOR
FMCG INDUSTRIES**



FIT-FOR-PURPOSE EQUIPMENT



PROJECT MANAGEMENT



ENGINEERING STUDIES



TECHNICAL SERVICES

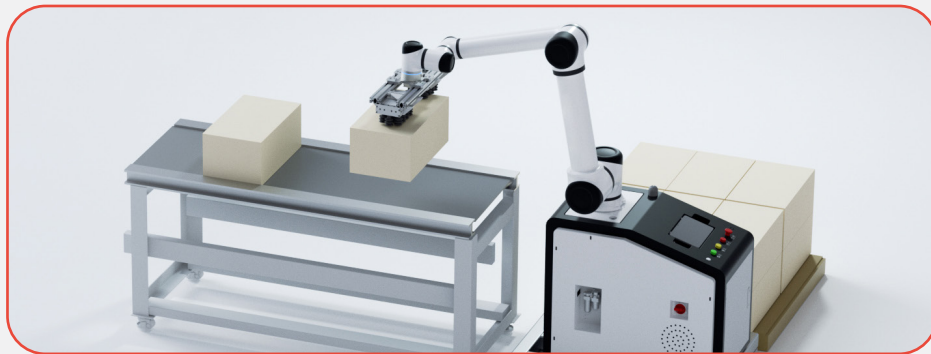


SIDE BY SIDE ALL THE WAY

**OPTIMIZING THE
MATRIX...**

OUR SOLUTIONS

We offer advanced customized solutions for your facility, boosting productivity and optimizing resource utilization through a systematic, yet adaptive forward-thinking approach. We maintain international standards, infuse them with our know-how, and optimize them through our inventive strategies to craft a tailored and meticulously executed plan for your facility.



1. Mobile Cobot Palletizing Solution

We engineer mobile Cobot Palletizing solutions with a compact footprint, easy deployment, and flexible programming, capable of collaborative work with humans.



2. Robotized Material Transport

We create automated systems that use Autonomous Mobile Robots (AMRs) to transport packaging materials from the warehouse to the production machines. These robots move through the facility on their own, without any need for manual operation.



3. Tailored FMCG Production Lines

We create and assemble full production lines for the FMCG industry using top-quality equipment from our partners and our customer's preferred suppliers, chosen to best suit their specific needs.



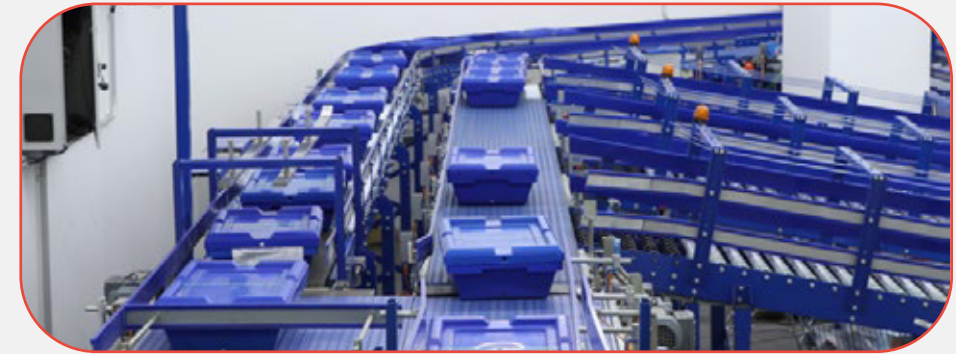
4. Advanced Product Packaging Solutions

We specialize in packaging systems that take products after filling or packing, place them into secondary packaging or shelf-ready packs, overwrap them in cartons, and finally deposit them onto pallets.



5. Robotic Palletizing Solutions

We specialize in creating custom robotic palletizing systems that efficiently place packs, cases, and totes of finished products onto pallets for easy handling, storage, and transportation.



6. E-Fulfillment Conveyor Solutions

We specialize in crafting custom conveyor systems for packs, totes, and cases, specifically designed for e-fulfillment applications. These systems seamlessly integrate with Warehouse Control System (WCS) and connect to Warehouse Management System (WMS), optimizing distribution efficiency.



7. Forklift-Free Pallet Transport System

We create a pallet transportation system that moves full pallets from multiple end-of-lines to the warehouses without requiring forklifts. It utilizes a pallet conveyor system and can employ Automated Guided Vehicles (AGVs) or Autonomous Mobile Robots (AMRs).



8. Advanced Mixed Pallet Preparation Solutions

Our mixed pallet preparation solutions combine various products onto one pallet for shipping or storage. Utilizing cutting-edge software, robots, and AMRs, we ensure efficient organization, stability, weight distribution, and space optimization on the pallet.



9. Automatic Truck Loading System (ATLS)

Our automated system collects full pallets from production lines, swiftly loads them into trucks within 3 minutes, and requires no forklift intervention. We offer solutions for both modified and non-modified trucks.



10. Seamless Production Line Integration

Our customized solutions seamlessly integrate new machines into existing production lines, optimizing layout without compromising line performance.

To ensure a successful integration, we visit the site, engage with the team, and thoroughly understand their specific requirements.



11. Optimized Crate Distribution Solutions

We create efficient empty-crate distribution systems for production lines, employing conveyors, robots, and advanced technologies. Through careful analysis and simulations, we guarantee the right number of empty crates is available at the correct time and location, ensuring a seamless production process without any interruptions or delays.

OUR ENGINEERING SERVICES

We maximize your factory's efficiency, productivity, and safety through in-depth analyses, detailed studies, and comprehensive planning using a distinctive systematic, yet adaptive and collaborative approach.

Working alongside your team, we synergize human and machine intelligence and inventiveness to produce high-quality results and meet the exact needs of your plant.



01 GREENFIELD FACTORY CONSULTANCY:

We help clients plan, design, and develop new manufacturing facilities from the ground up. Based on their needs, goals, and resources, we define the layout, processes, equipment, supply chain, compliance, and financial aspects. Our focus is to create an efficient and sustainable factory that is cost-effective, productive, safe, and environmentally responsible.



02 FACILITY PERFORMANCE ENHANCEMENT:

We offer a comprehensive assessment, analysis, and recommendations to enhance the performance and efficiency of your facility. Our thorough review covers production processes, equipment, and systems, evaluating workflow, material handling, machinery, automation, energy usage, safety protocols, and compliance with industry standards. Based on our findings, we provide customized solutions to optimize your production facility.

These may include machine upgrades, process improvements, layout modifications, automation implementation, and energy-saving measures. Our goal is to help your facility operate at its best and achieve greater productivity and cost-effectiveness.



03 ENGINEERING OF PRODUCTION LINES:

Our production line engineering studies encompass the following key aspects:

- The creation of production line layout and flowchart
- The selection and integration of suitable equipment for specific tasks
- The incorporation of automation technologies line
- The design of efficient material handling systems
- The optimization of the overall workflow
- The adherence to safety standards and regulatory requirements



04 PRODUCTION LINES OPTIMIZATION:

We carefully examine and analyze every aspect of a manufacturing production line. The goal is to find ways to improve efficiency and productivity. We study material flow, machine performance, worker interactions, and potential problem areas.

Using data-driven decisions, we work towards

- Enhancing Processes
- Reducing Waste
- Improving Product Quality
- Increasing Overall Efficiency

Our main objectives are to boost productivity, ensure worker safety, and optimize resource usage while minimizing operational costs.

REDEFINING HUMACHINE TOGETHER...

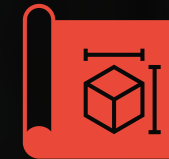


05 ENHANCING PRODUCTION WITH SIMULATIONS OR DIGITAL TWIN:

We study and analyze production processes, finding potential issues and making informed decisions before making changes in the real environment to reduce costs, minimize risks, improve efficiency, and ensure flexibility.

Key components include:

- Collecting data on production processes, equipment, and material flows
- Creating computer-based models that test various scenarios
- Analysing systems' performance and detecting bottlenecks or inefficiencies
- Optimizing production systems
- Providing valuable support for production managers and engineers to enhance productivity and efficiency



06 ACCURATE AS-BUILT DRAWINGS AND 3D MODELS FOR YOUR FACILITY:

We create accurate representations of your production lines and facility as they are in reality.

Our experts conduct site surveys to gather detailed measurements and data, which we use to produce drawings, plans, and 3D models reflecting the current condition. Key features include:

- Field Surveys
- Drawing and Documentation
- 3D Modeling
- Construction Verification
- Renovation and Retrofitting
- Facility Management



07 PROJECT MANAGEMENT:

We manage and coordinate all aspects of your project, from planning and execution to monitoring and closing to ensure:

- Ensure Successful Outcomes
- Meet Deadlines
- Deliver High-Quality Results



08
CUSTOM ELECTRICAL PANEL
SYSTEMS:

We create electrical panel systems based on specific requirements and safety standards. **Key elements include:**

- Detailed Design
- Component Selection
- Wiring
- Safety Compliance
- Pre-Operations Testing



09
CUSTOM STEEL PLATFORMS
TAILORED TO YOUR NEEDS:

We supply custom steel and stainless steel platforms to meet your specific requirements. **Our process involves:**

- 1 Identifying Needs
- 2 Careful Planning
- 3 Precise Fabrication
- 4 Expert Assembly
- 5 Strict Safety Compliance
- 6 Rigorous Testing
- 7 Ongoing Maintenance



**DYSFUNCTION?
WE FIX IT
AND FIX IT...**

OUR TECHNICAL SERVICES

Blending proficiency with accountability, we offer full technical support and practical on-site solutions to ensure improved line performance and enhance your factory's competitiveness.

We adopt an adaptive and collaborative approach in our processes and offer fast services that benefit from our widespread presence throughout the Middle East region.

The international standards of our engineers integrate with the extensive know-how and craftsmanship of our technicians to fill all gaps in any production line.



1. FIELD TECHNICAL SERVICE

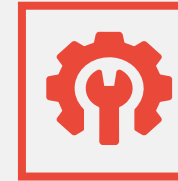
Our skilled technicians and engineers provide on-site support and maintenance activities to ensure the proper functioning, repair, and upkeep of equipment, machinery, or technical systems in their operational environment.

These services include routine inspections, troubleshooting, repairs, calibration, and preventive maintenance to optimize performance, extend equipment lifespan, and minimize downtime in various industries and sectors.



2. EFFICIENT OEM SERVICES IN THE MIDDLE EAST

We offer installation, commissioning, and diagnostic services to multiple OEMs. With our widespread presence in the Middle East region, our OEM partners can easily access our services for their clients without the need for substantial investments.



5. REPAIR SERVICES

We provide efficient inspection and maintenance services to maximize your machines efficiency and minimize downtime. We offer repair service even for equipment not supplied by us.

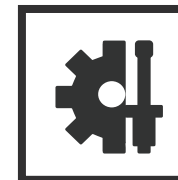


3. PRODUCTION LINES PERFORMANCE AUDIT

We help you optimize the use of your assets, whether your equipment is supplied by us or other parties.

Our reliability services can assist you on a range of issues:

- Measurement of overall line efficiency
- Measurement of each equipment efficiency
- Elimination of chronic losses
- Calculation of waste in consumables
- Suggestions for new solutions to increase efficiency



6. RETROFIT SERVICES

We provide comprehensive machine upgrades, transforming older machines into modern, high-performing systems. We replace outdated electronics with new generation components and implement rebuilt software to optimize their functionality. Our expert upgrades enhance the overall performance, efficiency, and reliability of your machines, ensuring they remain competitive in today's dynamic industrial landscape.



4. INSTALLATION AND COMMISSIONING SERVICES

We offer mechanical and electrical installation for various lines and machinery, regardless of the supplier. Our services also include commissioning and fine-tuning production lines to ensure optimal efficiency.



7. PRODUCTION LINES RELOCATION SERVICES

Our expertise extends to the complete relocation of production lines from one plant to another, overseeing every stage of the process. We begin with thorough numbering and marking of components to ensure a smooth transition. Our skilled team handles the dismantling and careful packing of the equipment for secure transport.



Upon arrival at the new location, we conduct both mechanical and electrical installation with precision.

Our commitment is to maintain the line's existing efficiency, and we even strive to improve its performance by introducing necessary modifications.



10. SERVICE CONTRACTS AND SERVICE-LEVEL AGREEMENT (SLA)

Our service contracts with clients guarantee continuous planning, execution, and preventive maintenance for uninterrupted performance. Whether through remote support or on-site assistance, we ensure your equipment operates at its best. Rely on our expertise to keep your systems running smoothly and efficiently.



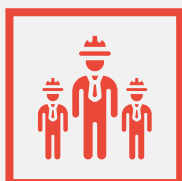
8. OPERATION AND MAINTENANCE TRAINING

We understand the key role of skilled teams in line efficiency. Our tailored training covers detailed operations, mechanical, and electrical maintenance to empower your staff. We focus on critical aspects to check regularly, minimizing downtime and maximizing productivity. Elevate your team's expertise for long-term success and improved line performance.



11. ONLINE SUPPORT SERVICE

Our team excels in diagnostic and problem-solving methods, utilizing remote-access capabilities to swiftly identify equipment issues. In crisis situations, we work tirelessly to find the best solution, involving relevant experts and providing you with at least a temporary resolution. Rely on us for efficient and effective technical support.



9. SITE MANAGEMENT AND SUPERVISION

Our expert supervision services ensure smooth project installation by managing workflow and coordination between all parties on-site. With a dedicated person overseeing the project, you receive comprehensive reports and efficient task management for technicians and helpers. Simplify the process and achieve successful project outcomes with our site management expertise.



12. SPARE PARTS

Leveraging our expertise and tailored preventive maintenance approach, we furnish a comprehensive spare parts list, indicating criticality levels and recommended stock quantities. Our strong supplier network ensures speedy deliveries, guaranteeing you have the necessary parts on hand when needed most. Count on us for efficient spare parts solutions.



THE BEST EXTENSION OF YOUR TEAM

THE BEST ADDITION TO YOUR MILL



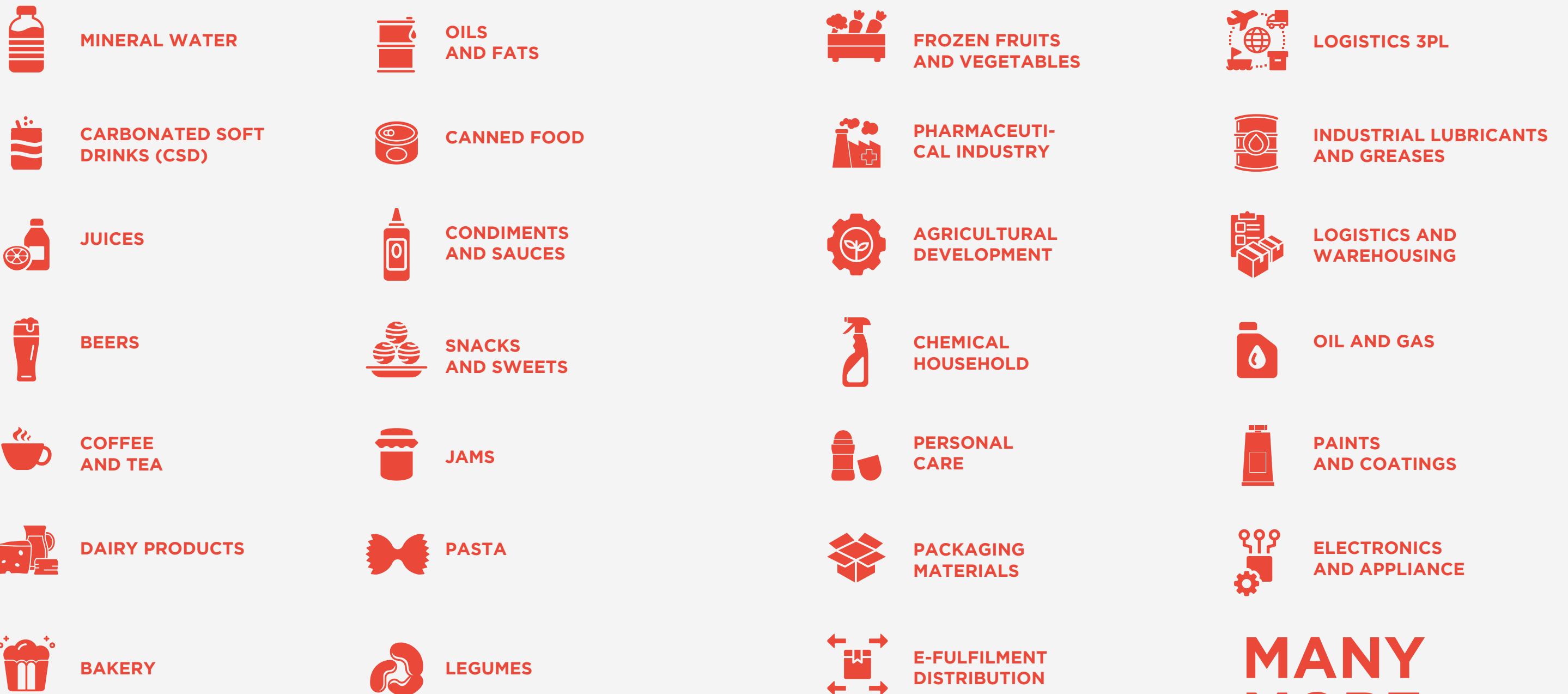
OEM SERVICES

Our teams are trained to understand the dynamics of partnering with fellow industry experts. We have developed a very unique set of methodologies to be able to constitute the best extension of your technical team and the best addition to your facility.

Working alongside your team, we synergize human and machine intelligence and inventiveness to produce high-quality results and meet the exact needs of your plant.

INDUSTRIES

Over the course of our operations, we have engaged with a wide-ranging array of industries, spanning diverse sectors and fields, which allowed us to gain valuable insights, adapt our strategies, and tailor our solutions to the unique challenges and requirements of each industry.



MANY MORE...

OUR TECHNICAL PARTNERS

At MEPEQ, our pursuit of excellence is reinforced by a network of trusted technical partners who are carefully selected for their expertise and industry leadership. We collaborate with premier sub-suppliers of material, who share our passion for precision and inventiveness, to ensure nothing short of peak performance for our equipment.

SEW
EURODRIVE**Schneider**
Electric**FESTO****Leuze electronic**
the sensor people**pilz**
more than automation
safe automation**SIEMENS****PHENIX**
CONTACT**SICK**
Sensor Intelligence.**Rockwell**
Automation**BECKHOFF****Regal**
Rexnord**Danfoss****ABB****REGINA**
CHAIN**Helmholz**
COMPATIBLE WITH YOU**SCHMERSAL**
THE DNA OF SAFETY**ilinox****MURR**
ELEKTRONIK**LAPP KABEL****RITTAL****SKF****Spraying Systems Co.****SYSTEM**
PLAST**Ammeraal Beltech****FAG****BEA****elesa****HIWIN**
Motion Control & Systems**perma****MEGADYNE****INTERROLL****igus****rexroth**
A Bosch Company**ROLLEX**
SYSTEMS

OUR COMMERCIAL PARTNERS

We integrate third party supplies of Processing, Filling and Packaging Lines from our reputable manufacturing partners, offering our clients a turnkey solution for their greenfield site or an upgrade of existing lines in their brownfield environment.



HEUFT SYSTEMTECHNIK - GERMANY

HEUFT holds the global leadership in providing online inspection equipment to the food, beverages, and pharmaceutical sectors.

Their comprehensive range includes Empty Bottle Inspection, Full Bottle Inspection, and X-ray detection systems designed to identify foreign objects, ensuring top-notch quality and safety in the production process.

<https://www.heuft.com/>



LANGGUTH - GERMANY

LANGGUTH specializes in manufacturing labelling machines, offering a diverse selection of linear and rotary labellers that provide exceptional flexibility to handle various container types, including complex ones.

Their product range includes self-adhesive, wet glue, and hotmelt label options, catering to different labelling requirements with precision and efficiency.

<https://www.langguth.com>



SILGAN CLOSURES

Silgan Closures is a leading global supplier of closure systems made of metal or plastic for food and beverages packed in glass and plastic containers. Silgan Closures reflects the high-quality, all-embracing range of products with which they provide solutions for their customers that are tailored to their needs: ranging from metal, and composite to patented and innovative plastic closures.

<https://www.silgan-closures.com/>



TWIN PACK S.R.L - ITALY

Twinpack Group, specializes in robotic arm-operated packaging solutions.

They offer Multi-pack, Promo-pack, and Carton Packaging, and Shrink-Wrapping machines, catering to diverse packaging requirements with efficiency and effectiveness. Special application for shelf-ready packs.

<https://www.twinpack.com/>



VMS MASCHINENBAU GMBH

VMS Maschinenbau GmbH offers aseptic linear filling machines designed for cups, bottles, and buckets, primarily used in the dairy and juice industries.

These machines achieve Log6 asepticity, ensuring the highest level of hygiene and product safety during the filling process.

<https://www.vms-maschinenbau.de/>





ABOUT THE FOUNDER

Tony Meghabghab is an ambitious entrepreneur and a leading industrial engineering expert who brings forth over 25 years of expertise providing customized solutions for complex engineering projects.

To materialize his vision, Meghabghab established MEPEQ, an Industrial engineering firm crafting customized solutions for manufacturers from all industries.

Intrigued by the endless possibilities that arise when human creativity meets technological progress, he has led MEPEQ with a unique mindset, redefining the concept of HuMachine. He underlines the synergetic role of humans and machines, neither overshadowing the other.

With a keen understanding of the ever-evolving dynamics of the business landscape, he has succeeded in building a human-centric and agile company throughout the years. He takes pride in creating a conducive educational environment for the team, empowering them to exceed customers' expectations and excel in delivering state-of-the-art, world-standard solutions.

Meghabghab is committed to everyday educational enrichment, consistently expanding his reservoir of knowledge and expertise.

As a thought leader in the field, he writes articles on industrial engineering topics and speaks at industry conferences.

OUR PEOPLE

Our team comprises passionate world-class **engineers and technicians** distinguished by their attention to detail, creative ingenuity, and natural care.

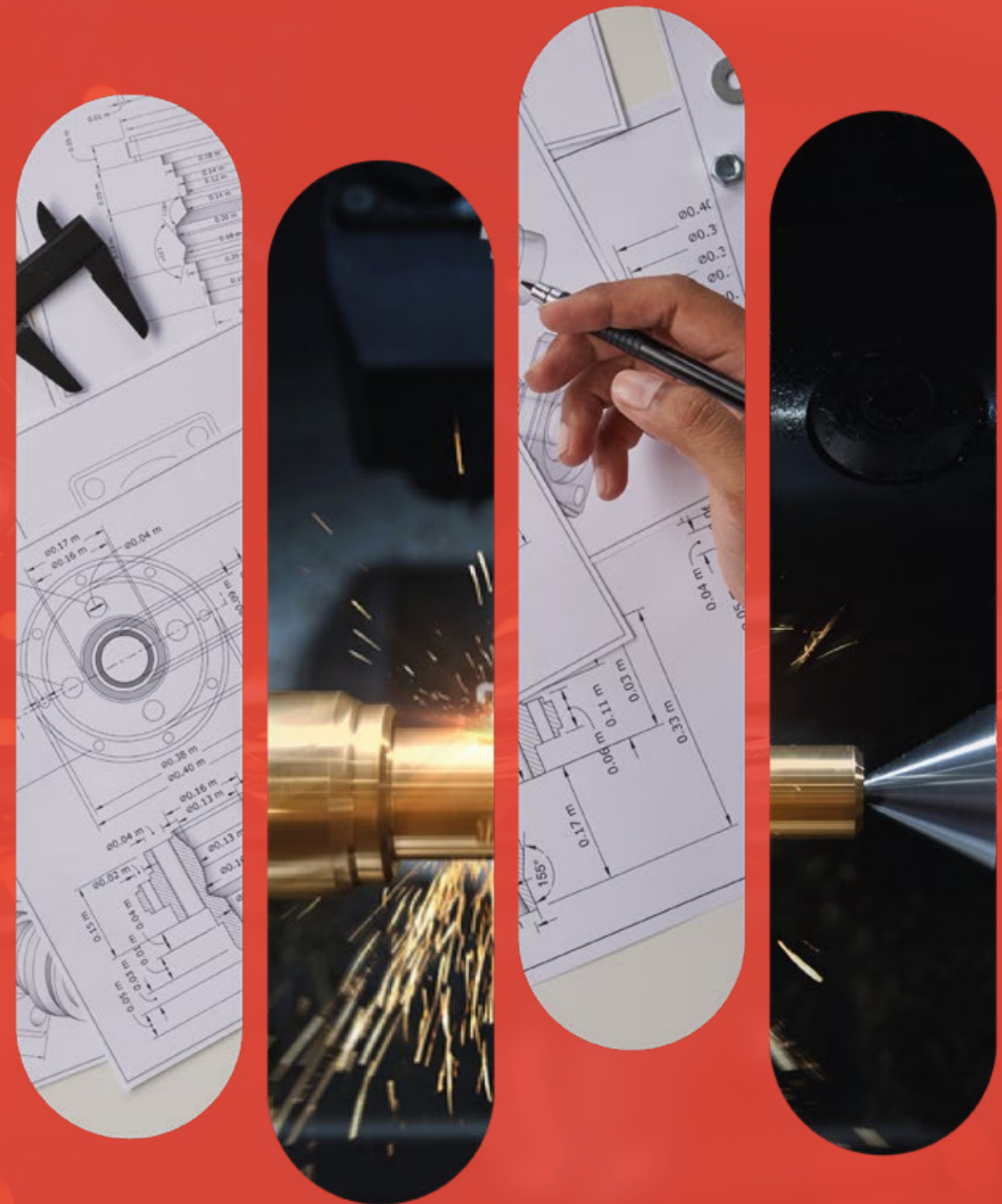
They are devoted to maximizing business productivity and delivering full practical support to our clients.

Our Team of Engineers is composed of highly skilled professionals periodically accessing the latest innovations in robotic technology.

They specialize in delivering mechanical and electrical designs, executing automation and coding, conducting pre-project studies, and offering comprehensive project consultation and execution using the latest design software, simulations, and Research and Development methods.

Our Team of Technicians consists of certified, constantly trained experts from diverse fields, offering technical support and practical on-site solutions, as well as remote support for fast troubleshooting and problem resolution..

They possess a deep technical understanding of machinery that allows them to impart knowledge to customer operators. Proficient in multiple languages, they are cooperative and dedicated to ensuring improved line performance and enhancing your factory's competitiveness.



OUR CLIENTS

We take pride in our diverse portfolio of clients encompassing a multitude of industries, each contributing to our journey of innovation and excellence, leading to profound impacts and shared successes.

At MEPEQ, our clients represent the heart of our operations, driving us to continuously evolve and deliver transformative results.

We have collaborated with an extensive array of businesses, ranging from industry giants to emerging players. Each client, with their unique challenges and aspirations, has entrusted us with their operational improvements, reinforcing our commitment and dedication to pushing boundaries and achieving excellence in every endeavor we undertake.





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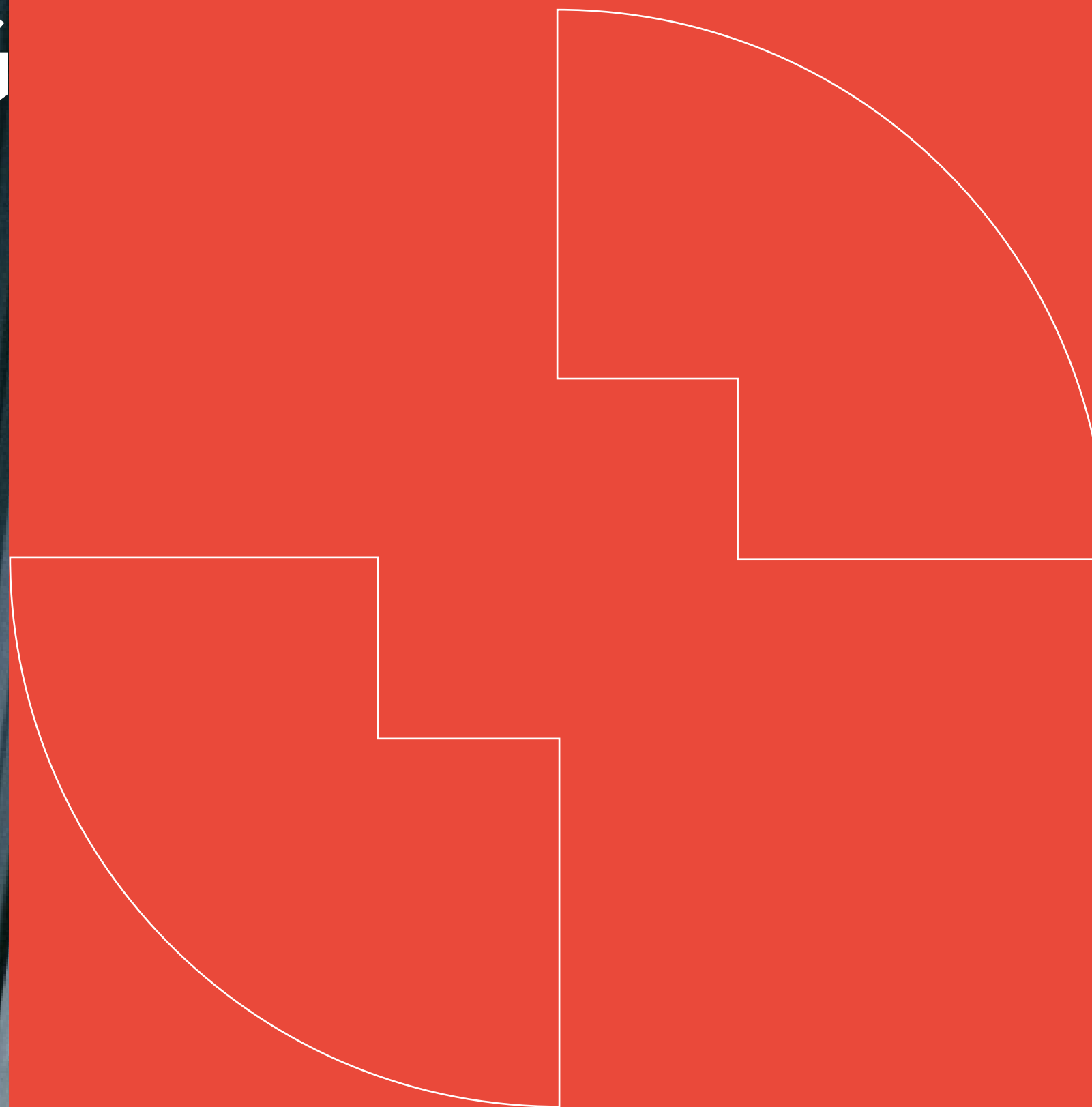
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**TRANSFORMING
VISIONS INTO
REALITIES.**





**YOUR
OPTIMAL
OR
NOTHING!**