

CAPABILITY STATEMENT



BRANDING RECOGNITION

MASAR Technologies, Inc., is a recognized international water desalination and membrane technology consulting and training company, located in Tucson, Arizona, USA, since 1993, with over 36 years of hands-on plant experience, technical expertise and Industrial innovation. We provide expert consulting, real-time plant And membrane systems evaluation, monitoring & troubleshooting, fouling management, techno-economic feasibility studies of new projects, design concepts, processes and technologies, training courses and innovative software solutions worldwide for RO and UF membrane desalination and filtration plants. We also provide customized O&M manuals and hands-on training via our partners.

- ❖ **MASAR Consulting**
- ❖ **MASAR® SMARTAlarm™**
Technology & Software
- ❖ **MASAR Training Courses**

CORE COMPETENCIES

COMPANY CONTACTS

- *Expert Technical Consulting (on-site and remote).*
- *Pretreatment & Membrane Systems Design, and Technical & Cost Feasibility Studies, Conceptual and Design Specifications Reviews & Optimization.*
- *Plant Operation & Performance Monitoring, Upgrade, Evaluation and Optimization in Real Time.*
- *Plant Troubleshooting, Fouling Inspection, Membrane Autopsies & Effective Management Programs.*
- *Expert Witness on RO Plants Performance Failure.*
- *New Plant Assessments & Site Acceptance Tests.*
- *Licensing of **SMARTAlarm** Realtime Software.*
- *Design of Customized MASAR Training Courses.*

www.masar.com

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RECENT PROJECTS

- ❑ Expert desalination consultancy for a major multi-national conglomerate conducting a high-level desalination feasibility study for a GCC client's new mega city infrastructure.
- ❑ Long-term technical consultancy for a major international IWPP developer and national water & power utility in the Middle East for monitoring, evaluation, troubleshooting and optimizing the operation, maintenance, performance and O&M costs of one of the largest SWRO desalination plants in the world, including on-site fouled membrane autopsies, system checks, testing, troubleshooting, optimization trials & reporting.
- ❑ Technical consulting as membrane desalination expert for a global Moon Shot company investigating the feasibility of a new process for production of fuel from seawater.
- ❑ Conducting advanced technical and practical training course and live webinars.
- ❑ Long-term consulting on techno-economic feasibility of a new desalination technology.
- ❑ Lead consultant on feasibility & regulatory permitting a seawater RO plant in California.

PAST & CURRENT EXPERIENCE

STRATEGIC PARTNERS

