



Mohamad Amin Saad
President & Principal Consultant/Trainer
MASAR Technologies Inc.

Mr. Saad is a veteran chemical engineer with a B.S./M.S. from Georgia Tech, USA, and the founder, president and principal consultant, technology developer and trainer at MASAR Technologies, Inc., based in Tucson, Arizona. A recognized international expert, has over 34 years of hands-on membrane desalination and filtration technology expertise and field experience in system design, monitoring, optimization, trouble-shooting and practical training, helping major water authorities/IWPPs better manage, operate and maintain their strategic plants with a fresh, tested approach that identifies and resolves performance issues achieving the highest operational efficiency at the lowest total cost of water production.

Among his other key positions held throughout his career are:

1. Sr. Technical Specialist, E.I. DuPont de Nemours, ME/Europe & USA
2. Development Manager, Membranes, Aqua-Chem, USA.
3. Director of Technical Marketing, Biosphere 2 Environmental Project, Arizona, USA.
4. Project Manager and Sr. Manager, Desalination Technologies & Training, ACWA Power International, Saudi Arabia.
5. Operations Manager at ACWA's BOWAREGE Mobile Seawater Desalination Plants, Saudi Arabia.
6. Engineering Director & Commissioning Manager, ACWA Barka 1 IWP Expansion RO Project, Oman.

Out of his extensive plant experience, he innovated and developed and licenses the world's only real-time and early-warning **SMART™ (Silent Membrane Alarm in Real Time)** technology, and MASAR® software solutions for membrane fouling detection, measurement and monitoring, as well as overall plant operation and performance optimization.