

Resume

Full Name: Mordecai Feldman
Date of Birth: March 17, 1957
Place of Birth: Uruguay
Date of Immigration: 1963
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Graduation:
M.Sc in Operation Research, Management Faculty, Tel Aviv University, 1991. Thesis: "A Simulated Annealing Model for the Optimization of Water Systems Operation"
B.Sc in Agricultural Engineering, Technion, The Technical Institute of Israel, Haifa, 1984

Professional Experience:

2009 - Algoal Water Solutions Ltd. : Director

- The Israeli Standards Institute and IWA Water Loss Specialists group: Team Leader. Development of ISO standards for water loss management.
- Stream Control: Consultant for R&D of PRV dynamic controller.
- TAHAL Consulting: Design Manager for the water supply system of Mehrauli and Vasant Vihar, Delhi, India. Rehabilitation and water loss reduction.
- Mei Lod: NRW consultant for Water Loss reduction for the water company of Lod, Israel. Establishing strategy, ongoing management, DMA and Pressure management design and implementation.
- Mei Modiin: Network design and project management for DMAs and pressure management for the city of Modiin, Israel
- Ein Cramim: Network design for DMAs and pressure management zones for the town of Carmiel, Israel
- Mei Sheva – Project Manager, Design and implementation of DMAs and Pressure management areas in the entire city. Generation of control system tender for water, sewage and water loss management.
- Harei Nazareth – Design and implementation of DMAs and Pressure management areas in the Nazareth and 4 other surrounding settlements.
- Mei Natania: Water loss reduction in the city of Natania, including DMAs construction, Active leakage control, Test of leak detection advanced technologies, domestic metering tender
- The Israeli Standards Institute: Team Leader. Development of International standards for water loss management.
- Water companies Forum: Team Member of the Israeli Water companies Experts Group in metering.
- Mei Sheva: Producing tender for Fixed Automated Meters Reading (AMR) systems.

- Mei Ashkelon: Producing tender for Fixed Automated Meters Reading (AMR) systems
- Mei Carmel: Water meters tenders for all sizes for Mei Carmel (Haifa)
- Algoal: Development of Integrated Operation Management System which integrates AMR, SCADA and Hydraulic Model. Partnership with Arad Technologies, TAHAL Consulting and Yuvalim. Entrepreneur and Project Manager.
- IOSight - Consultant for Water Loss Management Software development
- Galkon - Consultant for Pressure Management systems application and software management system development. Pilot projects in Haifa, Marar, Holon.
- White Water: DMA and pressure management pilot for testing 4 control methods
- Israel Water Authority: Water loss indicators survey, and recommendation on indicators to be applied in the state of Israel. Work for the Israeli water authority
- Establishment of DMAs and pressure reduction in three areas for the water company of GWB Borsodváz Közüzemai Szolgáltató Kft., Hungary
- Mekorot Merhav: Generation of hydraulic model for the entire water system of the island of Trinidad and DMA pilots, for Mekorot Merhav Consortium.

2008 - 2009 Miya water, Arison Group – A water efficiency company, Engineering Director

Developing the company offering: Definition of Water Loss methodologies, project execution phases, solutions and services, definition of NRW surveys scope of work.

Water Loss Technologies: Analysis and evaluation of technological tools - software and hardware for internal use and acquisition.

NRW Audits and preparation strategies and project plans:

Team member and leader: SABESP, Brazil: RV and São Luiz districts, Romania: Constanta, Iasi, Israel – Mei Sheva, Netania, Philippines -Manila – Maynilad water company
Assessment and confirmation of Surveys and plans: Trinidad & Tobago, Bahamas, City of Zagreb

2002 - 2007 Consultant, Freelance

Water loss control: Water loss Surveys, Pressure management, Metering – Netania, Modiin, Ariel, Haifa, Jerusalem

Regional Water networks Master Plans: The main supply system for the southern region of Israel, Emek Hefer, Nevatim, Naan-Brenner.

Municipal Water networks Master Plans: Holon, Netivot, Maale Edumim, Ganei Tikva

Metering: Survey on Domestic Meters Accuracy in Israel

Asset Survey: Beit Shemesh, Yehud, Kiriat Ono, Kiriat Malhachi

Consulting: Aram Ramot Menashe Ltd, Stream Control Ltd. , Arad Dalia Ltd., Private Investment Group

2000 - 2002 Fasternet Software – Optimization system for Internet Traffic Management

Founder: Establishment of Business model, writing business plan and presentation. Raising money. Building a prototype system and running performance test.

1995 - 2000 Hydrococom Control Ltd.:

- Product Manager
HydroSave, Energy Management System for water supply networks: Definition of requirements, managing R&D, establishing marketing strategies, locating and forming business relations with strategic partners worldwide. Search for and initiation of new business opportunities and products. Involved in establishing company's business strategy. Issued proposals for the Israeli Chief scientist and European Union.
- Project Manager and Engineering
Application and installation of an Energy Management System for The Southern Nevada Water System, USA.
- Project Manager
Development and Implementation of a Scheduling System, integrated in the Hydrocom SCADA, to plan and operate a water plant, located in a southern district in Israel.

1993 - 1994 DCL Systems Engineering Ltd.:

- Product Manager
Aquaplan, An Expert system for planning the operation of water supply systems.
- Product Manager
Pulmonitor, A medical device for pulmonary diseases diagnosis. Managing R&D of software and hardware components, medical tests.

1984 - 1993 Mekorot the Water Company of Israel:

- Head of the "Plant Team":
Development and implementation of Hydraulic Simulator, Optimization of Operation, and Water Demand Prediction tools for enhancing the operation of water supply systems.
- System Analyst:
Cost/Benefit Analysis of projects for energy saving. Searched and analyzed profitability of projects, which investment would be returned by saving energy costs.

Languages: Hebrew, English, and Spanish.

Presentations: 7 presentations at IWA Water Loss and WATER Efficiency and other International and American (AWWA) conferences.