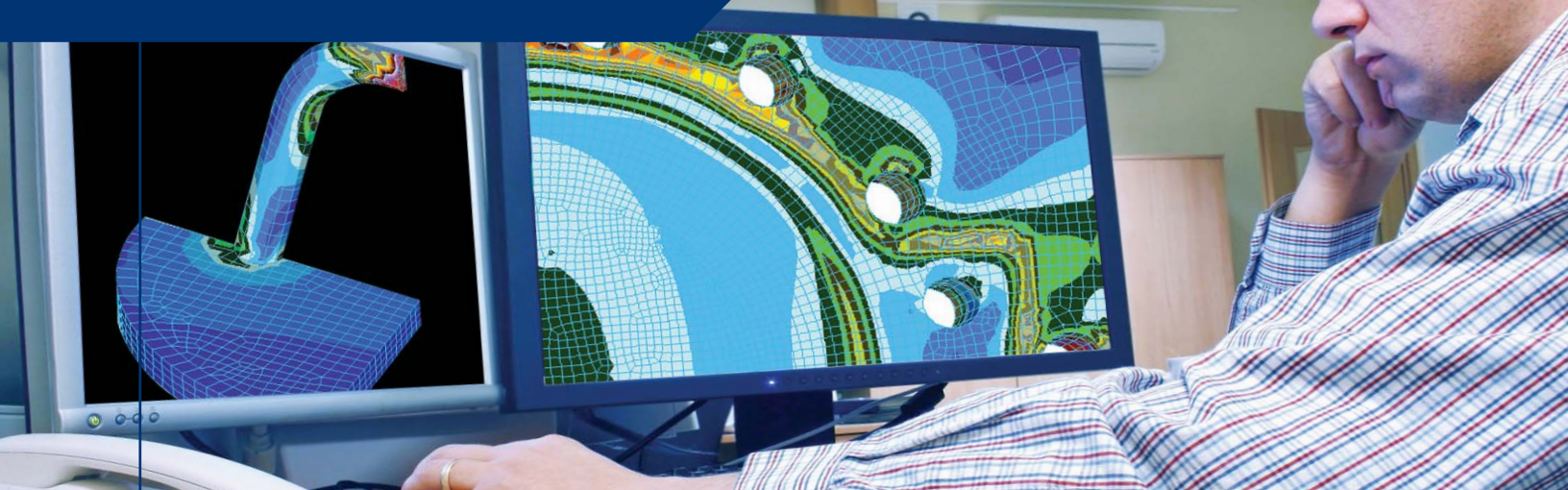




TELEDYNE
ENERGY SYSTEMS, INC.

A Teledyne Technologies Company



Engineering & Design Services

MAXIMIZE LIFETIME VALUE FOR YOUR SYSTEMS

Teledyne Energy Systems, Inc. builds decades of engineering excellence into every project. Take advantage of our cutting edge engineering and design capabilities to create a system that fits your needs perfectly and maximize your product life value.

Engineering & Design Capabilities Include:

- Preliminary site evaluation
- Seismic and wind load analyses
- 2D / 3D architectural renderings
- Finite Element Analysis (FEA)
 - Thermal Analyses
 - Structural Analyses
- Complete piping layout and interconnection drawings
- Electrical layout and Interconnection drawings
- ASME vessel design and fabrication
- High Pressure gas distribution manifolds
- Gas Pressure / Flow control Panels
- Power Distribution Panels



FROM EXTREMES COMES PROVEN RELIABILITY

After decades of installing generators in some of the most extreme and demanding environments in the world, Teledyne Energy Systems has developed a unique, all-inclusive design/engineer/install process that delivers optimum results.

Safety Analysis Services

- Hazards and Operability (HAZOP) Analysis
- Failure Modes and Effects Analysis (FMEA)

Manufacturing Capabilities

- ASME certified weld shop
- Full CNC Machine shop
- Waterjet capabilities

What Sets Us Apart

Today, customers around the world trust Teledyne Energy Systems for the most reliable, longest lasting hydrogen generators. Our ability to custom-engineer hydrogen generator systems is the reason Teledyne Energy Systems is a trusted global leader providing exceptional lifetime value.

Our engineers:

- Listen to customers
- Evaluate hydrogen needs now and in the future
- Bring decades of engineering excellence and experience to every project
- Offer a choice of proven, off-the-shelf hydrogen systems or custom-engineered solutions for optimum integration with plant infrastructure



On-site Engineer Supervision



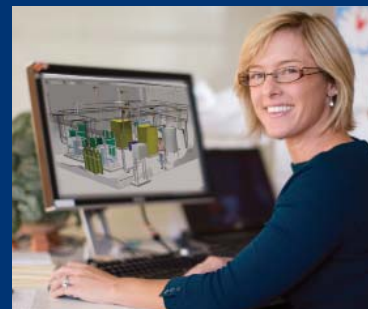
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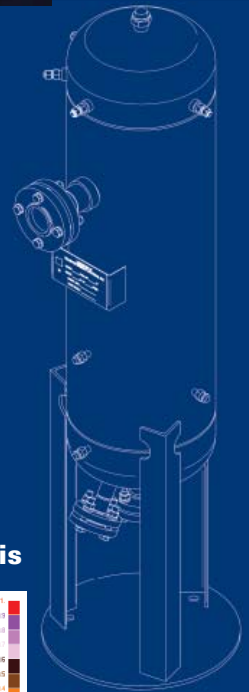


Preliminary Site Evaluation



**2D / 3D Architectural
Site Renderings**

**ASME Vessel Design
and Fabrication**



Finite Element Analysis

