

U.S.R. Electronic systems



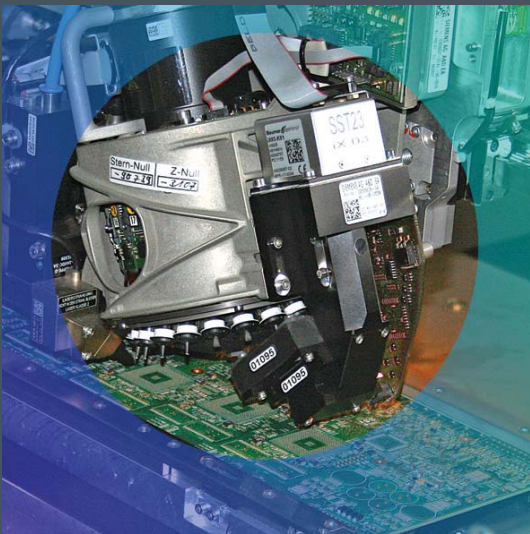
High Technology EMS Solutions



Your Expert EMS

Profile

High Technology EMS Solutions



Markets

- Small to medium high mix Turnkey solutions
- Mass production of electronic and mechanical manufacturing
- Mechanical design
- Hardware & functional test design
- NPI (New Product Introduction) services from concept to production
- DFX analysis (DFA, DFM, DFF, DFT)

Since 1984 USR is leading the EMS (Electronic Manufacturing Services) industry in Israel. USR provides outsourcing services and creating worldwide custom made Turn-key solutions with operation facilities in Israel, China and Hong Kong

In today's dynamic and demanding industry, USR provides highly reliable, tailor-made solutions and services, from new product development and engineering, production line management, electronic and mechanical manufacturing and technical support, testing and maintenance.

The solutions represents technological stretch, using innovative machinery and fully computerized logistic systems combined with an excellent staff, outstanding service, high quality and competitive pricing.

- Medical
- Cosmetic
- Security
- Video
- Telecom
- Data Communication
- Industrial
- Defence
- Solar



USR ability to read market trends and adapt to exact needs and requirements, combined with the dependability and strong financial backbone, has acquired USR a vast foundations of satisfied long-term customers, such as GE Healthcare, RAD-Bynet group, Verint, Intel, NDS, Syneron, Orkit-Corrigent, IAI (Israel Aircraft Industry) and many others.

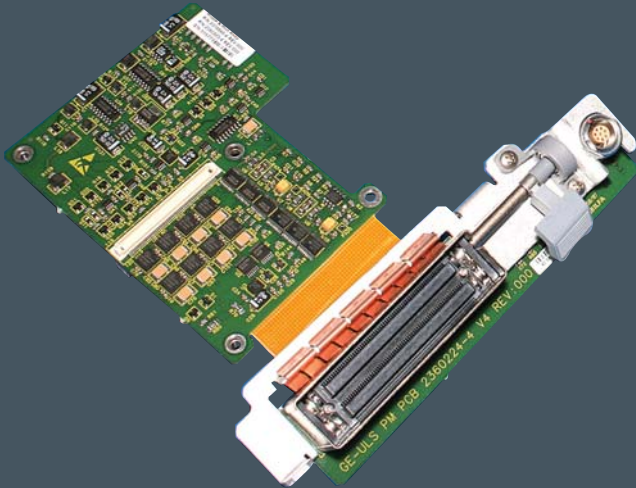


Project Management

USR's manufacturing services provide a high level of professionalism. Each Turn-Key customer is served by a dedicated project manager. The project manager is the customer focal point and has overall responsibility for the product life cycle. This approach is more flexible and tangible.

Full T.K. Services:

- Procurement
- Sheet Metal Fabrication
- PCB Manufacturing
- SMT Assembly
- Electronic Assembly
- Electro Mechanical Assembly
- Testing
- After sale services



Supply Chain



Procurement

The purchasing department is based on experienced buyers and material supply coordinators. All orders are managed with an ERP system and Biz Doc (Business Documents System). USR has strategic long term agreements with suppliers in order to reduce cost and to shorten lead time.

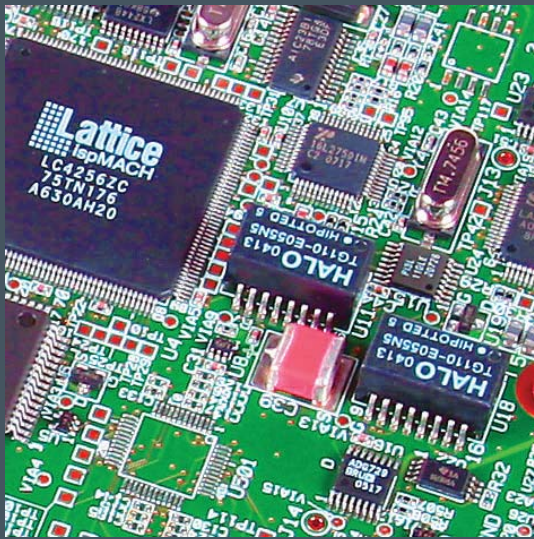
Trace

User	Action	Posted	Duration
0. Start(Siran Bidoyan)	Posted	Document posted on 05-Sep-10 06:40.	
1. Elena Estrin (+972-4-9904000 ext418)	Approved and Forwarded	05-Sep-10 13:35	6 Hours, 55 Minutes
2. Shay Padness (+972-4-9904000 ext226), Material Manager	Approved and Forwarded	06-Sep-10 09:42	20 Hours, 7 Minutes
3. Eddie Guez (+972-4-9904018), CEO	Not Yet		20 Hours, 45 Minutes
4. Siran Bidoyan (+972-4-9904000 ext261), Document Owner			
5. Send PO	Send PO		
6. Point	End point, document close.		

USR is committed to provide the best solutions and services, by leveraging the high capabilities of supply chain and adapting the customers need.



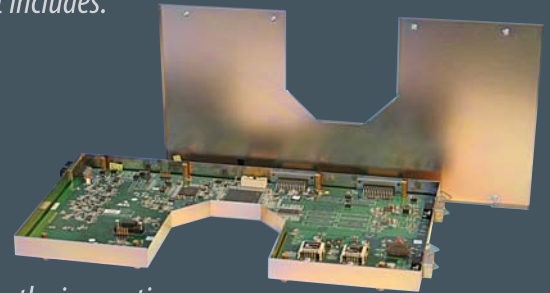
Engineering



In house engineering

USR has the abilities and concrete experience to make in house engineering that includes:

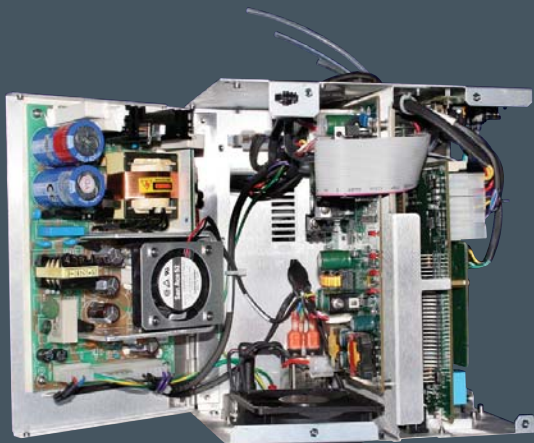
- Component Engineering
- Product Engineering
- Process Engineering
- Test Engineering
- Reverse Engineering



Combining all this abilities using the innovative programs such as Agile PDM systems, improves the product quality.

Mechanical Engineering

The mechanical engineering design department serves customers for medical products, communications and industrial applications. The department conducts mechanical design in a wide range of technologies, from simple communication appliances to complex optical devices for industrial use.



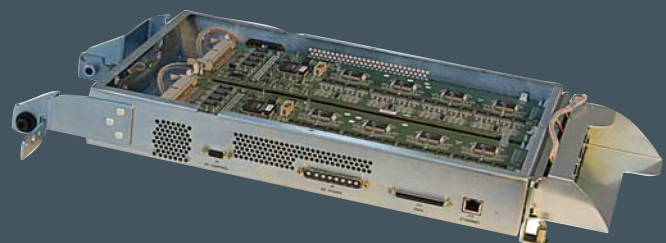
Test Engineering

The test engineering department offers the following services:

- DFT- (Design For Testability)
- Special design software for ICT and Flying Probe
- Design hardware adaptors for ICT
- Design JTAG test programs using JTAG, Goepel and Correlis systems.

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NPI Engineering

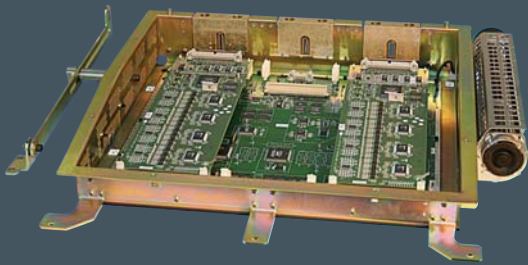
- DFA
- DFM
- DFF
- DFT

USR enable to meet Time to Market and available new sources.

NPI Engineers services:

- Provide optimal and reliable design solutions consider the product lifecycle in deferent stages.
- Provide solutions that improve product manufacturability by Design For Manufacturing (DFM).
- Improve prototypes by Design For Testability (DFT).

USR NPI department is a part of the customer's products penetration process. NPI experts join the design process at the initial stages and helps to introduce critical manufacturing and logistics elements for overall efficiency. The NPI team is being chalenged with finding creative solutions to enhance the workflow, and to find methods to accommodate manufactturing without limiting or impairing the designers' flexibility.



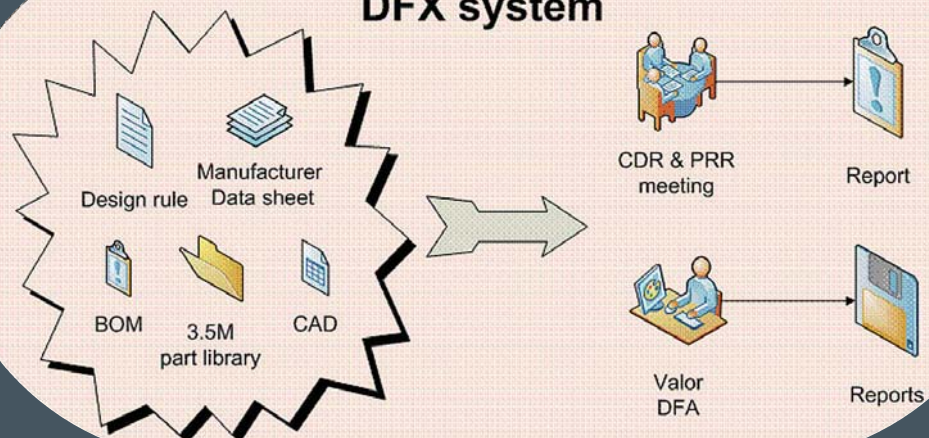
USR adopted the Valor's DF Solutions



Benefits:

- Reduce Engineering Project Cycle cost
- Time to Market
- Rump up to volume
- Increase Consistency and Reliability of Design Data
- Collaborative Online DFX Reporting

USR adopted the Valor DFX system



Assembly & Integration

USR offers full services of electronics assembly, engineering and manufacturing - from first design requirements to finished product. USR works according to the efficient and effective plan with all the manufacturing processes.



5S Method

The 5S method implemented as an organizational cultural perception. It based on 5 leading principles (Sort, Set in order, Shine and inspect, Standardize, Sustain) combined as one integrated system.

Each S called Pillar and is support as equal part of 5 for achieving the possibility of continues improvement.



Micro Electronics

Assembly of Micro electronics products is executed in clean rooms according to class 10,000 standard.



Manufacturing Cells

USR operates dedicated production and assembly lines for customers, providing a comprehensive and cost effective for full turnkey solutions.

A major benefit is the "Manufacturing Cell" within USR's plant, where all elements are carried out in a dedicated & isolated environment.

- Functional Testing
- Electrical Testing
- ICT
- JTAG
- Flying Probe
- 5 DX

High Technology EMS Solutions

Quality



Quality is an inseparable part of all the processes. USR assigned a dedicated Customer Quality Manager (CQM) for each manufacturing cell. Quality engineers are involve in all the aspects during the product life cycle (PDR>SDR>CDR>FDR>Production>Delivery >After sale). The quality plan assure real time report to improve data credibility and quality product.

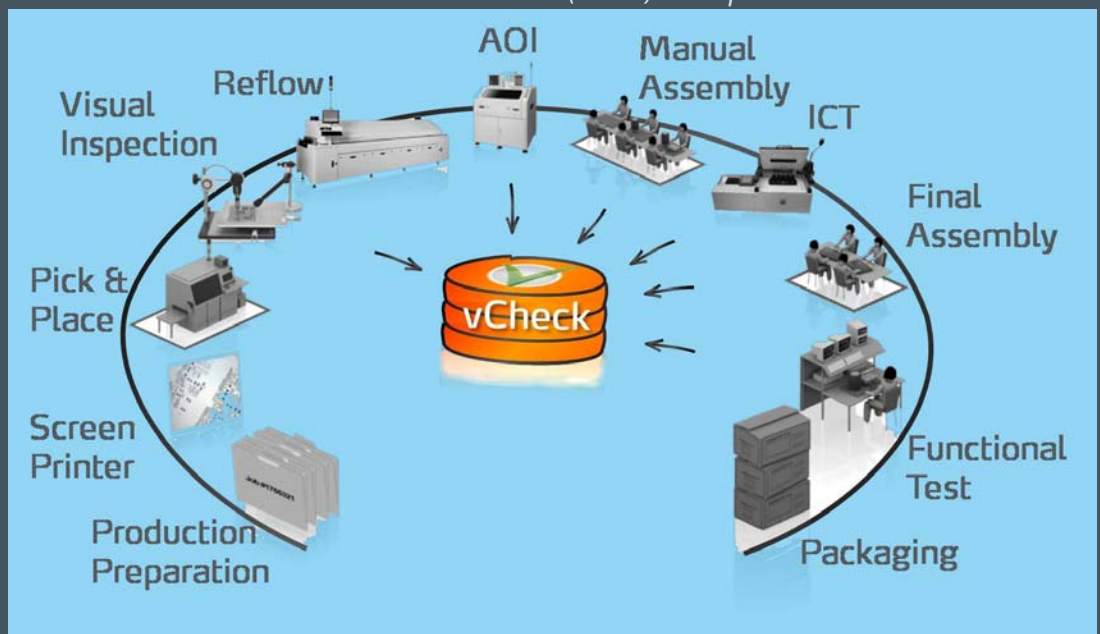


USR certified to ISO-9001:2000, ISO-13485:2003 (Authorization for medical products) and ISO-14001:2004 (Environmental management system), ISO-18001 (OH&S). USR operates according to IPC-A-610 (Acceptable for Electronic Assemblies). USR is periodically audited by the standarts institution of Israel.



valor

vCheck is a multi dimensional quality system designed to increase customer satisfaction and profitability by making all aspects of quality testing and inspection visible to any decision maker. KPI's (Key Parameters Indicators) are put to work with alarms and Acceptable Quality Level (AQL) as a trigger point to help continuously improvements of Defect Per Million Opportunities (DPMO) in the process.





Your Expert EMS

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