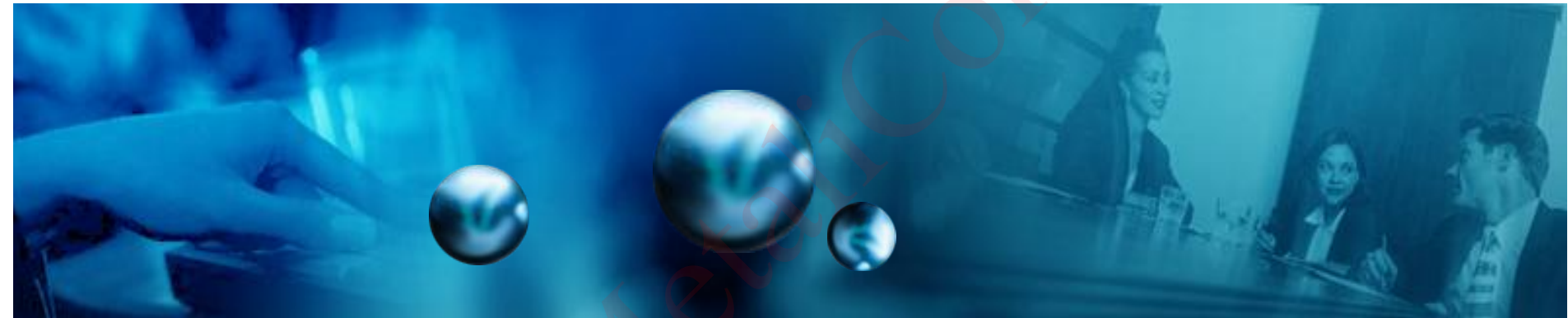# MetaliCom LLC
Group Presentation 2014

MetaliCom
METALS & SO MUCH MORE.

MetaliCom LLC.

MetaliCom LLC an ISO 9001-2008 Certified, is a leading Design, Manufacturing and Integration Company for Custom Made Products specially for Security, Defense and Military applications.
We have more than a decade of experience in Rugged equipment as per MIL-STD 810F-G and integration of various Cabinets/Sub Racks, Advanced & Resilient Thin Client with Secure Fiber Optic Links, Cable and PCB Assemblies, Networking Products, Indoor and Custom Made Outdoor CAT 5E, CAT6 & CAT7 LAN Cables on Tactical Reels.

We have the knowhow to Redesign and Reverse Engineering on running projects and the Resources to trace "Hard to Find" and Obsolete parts.

MetaliCom is a Major Sub Contractor for FMF- Foreign Military Financing Projects, Specializing in Homeland Security, Defense and Military Projects and registered with the U.S Federal Government CCR-Central Contractor Registration; Our Cage Code # is 56P21, and DUNS # 80-746-7373.

Our expertise in learning customer's needs & fitting the suitable engineering solution would insure Customer's Satisfaction in Service, Quality & Cost Effectiveness.
MetaliCom LLC provides its customers with superior quality of services accommodating with their needs from the **Initial Concept to Project Completion**.

Core Business Activities.

- Military, Security & COTS (Commercial Off The Shelf) Products.
- Advanced & Resilient Thin Client with Secure Fiber Optic Links
- Fiber Optic Passive & Active Components.
- R&D, Design , Production and Integration.
- Fully Integrated Sub Rack & Cabinets.
- Mechanical & Electronic System Integrations.
- Networking Custom Made Parts.
- Custom Made Cable & PCB Assemblies.
- Reverse Engineering for Cost Reduction Purposes.
- Turn-Key Projects.
- CNC Machining, Extrusions, Casting & Stamping Parts.
- Global Resources to trace "Hard to Find" and Obsolete parts.

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MetaliCom LLC.

MetaliCom LLC, has two sister companies:

FiberDeal ,www.FiberDeal.com Service and Distributing Passive and Active Fiber Optic Components that are fully tested and certified to meet
JIS C5973 F04, EIA/TIA 604-3A and Bellcore 326 standards.

BIG-Client LLC www.BIG-Client.com Specializing in Integration and Assembly of Thin Clients-TCs for use with Microsoft Terminal Servers, Citrix XenApp,
VMware VDI, web-based and full function streaming environments.
BIG Client CCR Cage Code # is : 6BUJ8 and DUNS:96-754-2965.

FiberDeal LLC.

FiberDeal LLC www.FiberDeal.com (Fiber Optic Division of MetaliCom LLC.) is a leading E-commerce and Distribution company for Fiber Optics Products.

FiberDeal Fiber Optic Components are fully tested and certified to meet:

JIS C5973 F04, EIA/TIA 604-3A and Bellcore 326 standards.

Our Tested & Certified products would insure Customer's Satisfaction in :

Service, Quality & Cost Effectiveness.

FiberDeal comprehensive products range includes variety of Active & Passive Fiber Optic products such as:

* Passive Components: Connectors, Adapters, Attenuators, Ferrules, Couplers and Patch-Cords.

* Active Components: Optical Transceivers, Modules and Discrete Optical Laser Diodes.

* Polishing Films, Fiber Optic Cabinets and other equipment.

Our products are used in a variety of applications such as:

Telecom Equipment & Networks.

Fiber Channel,

CATV, Multimedia. LAN and others.

Advanced & Resilient Thin Client with Secure Fiber Optic Links

TC - Thin Client Versus Desktop PC

Here are few TC advantages by comparison to a PC

With fewer parts to breakdown, a thin client will function without failure significantly longer than a typical computer. The small, sealed-case design has no vulnerable openings such as floppy drives or CD-ROM drives. They cost less than other computers because they do not need a hard disk or require much memory (RAM).

1. MTBF on TC is on a ratio of 1/100 compare to PC.
2. Power consumptions of TC is about 10% of a regular PC.
3. No moving parts such as HDD, all memories are SSD.
4. No need for Antivirus on a TC, it is all handled by the server.
5. No need for backup or restore actions on a TC, all is done by the server.
6. TCO -Total Cost of Ownership for TC is by far better than for PC.
7. Quick ROI - Return On Investment.

Quality

MetaliCom LLC is an ISO 9001:2008 Certified Company
- **CAGE CODE # 56P21**
- **DUNS # 80-746-7373**

The Design, Manufacture and Integration of Custom Made Defense and Military Embedded Systems, Advanced & Resilient Thin Client with Secure Fiber Optic Links, Cabinets, Sub-Racks, Metal Parts, Cable & PCB Assemblies, Fiber Optic Components, Electronic, Mechanical and Electromechanical Products

SGS

Certificate US09/74132

The management system of

MetaliCom LLC, dba FiberDeal LLC

One Industrial Way West, Building E, Suite K
Eatontown, NJ 07724, United States

has been assessed and certified as meeting the requirements of

ISO 9001:2008

For the following activities:

The Design, Manufacture and Integration of Custom Made Defense and Military Embedded Systems, Advanced & Resilient Thin Client with Secure Fiber Optic Links, Cabinets, Sub-Racks, Metal Parts, Cable & PCB Assemblies, Fiber Optic Components, Electronic, Mechanical and Electromechanical Products.

Further clarifications regarding the scope of this certificate and the applicability of ISO 9001:2008 requirements may be obtained by consulting the organization.

This certificate is valid from 3 October 2013 until 10 June 2015 and remains valid subject to satisfactory surveillance audits.
Recertification audit due a minimum of 60 days before the expiration date.
Issue 6 : 3 October 2013.
Certified since June 2009.

Authorized by

Zachary C. Pivarnik
Director of Accreditation, North America
Systems & Services Certification, a Division of SGS North America, Inc.
201 Route 17 North, Rutherford, NJ 07070 United States of America
t (201) 508-3000 f (201) 935-4555 www.us.sgs.com

This certificate remains the property of SGS and shall be returned upon request

Page 1 of 1

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Merkava Mark IV Tank - ELOP/Elbit YR 2006.

PCB Assemblies for Merkava Mark IV Tank

- Fully Assembled and Tested in Eatontown NJ under FMF Project..
- 24 Different Multi layers Double side PCBs.
- Rigged; Flex and Rigged/Flex complex boards.
- BGA, Fine Pitch SMT & Through Hole technologies.
- Special cleaning process- RMA Flux.
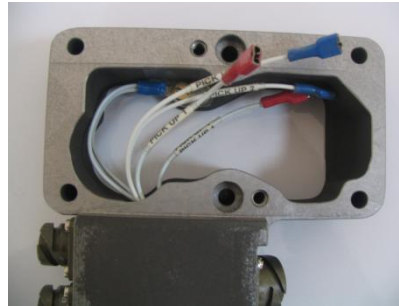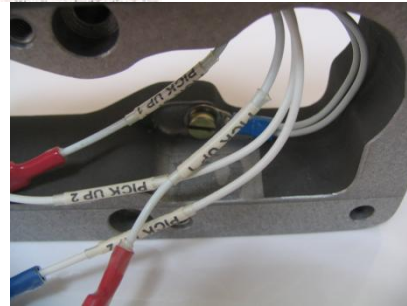- Written Quality Procedures/Manual in English & Hebrew.
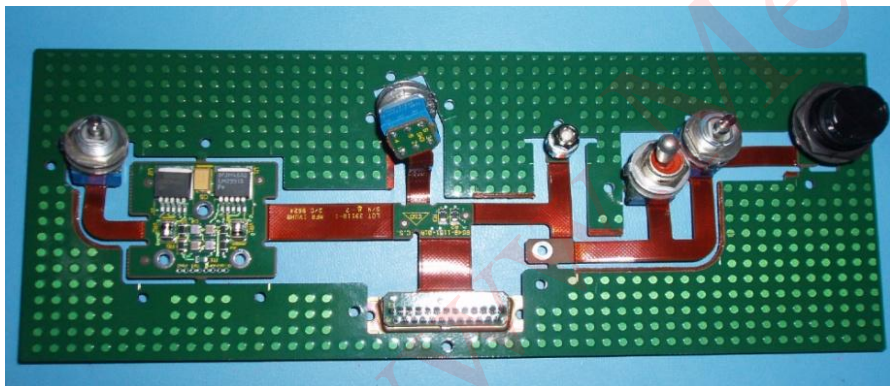
Flex/Rigged Boards.

NAMER APC - Armored Personnel Carrier 2008-2012

Engineering and Procurement of Electric I & II Kits

"UGDOT " IDF Division
YR : 2008~2009
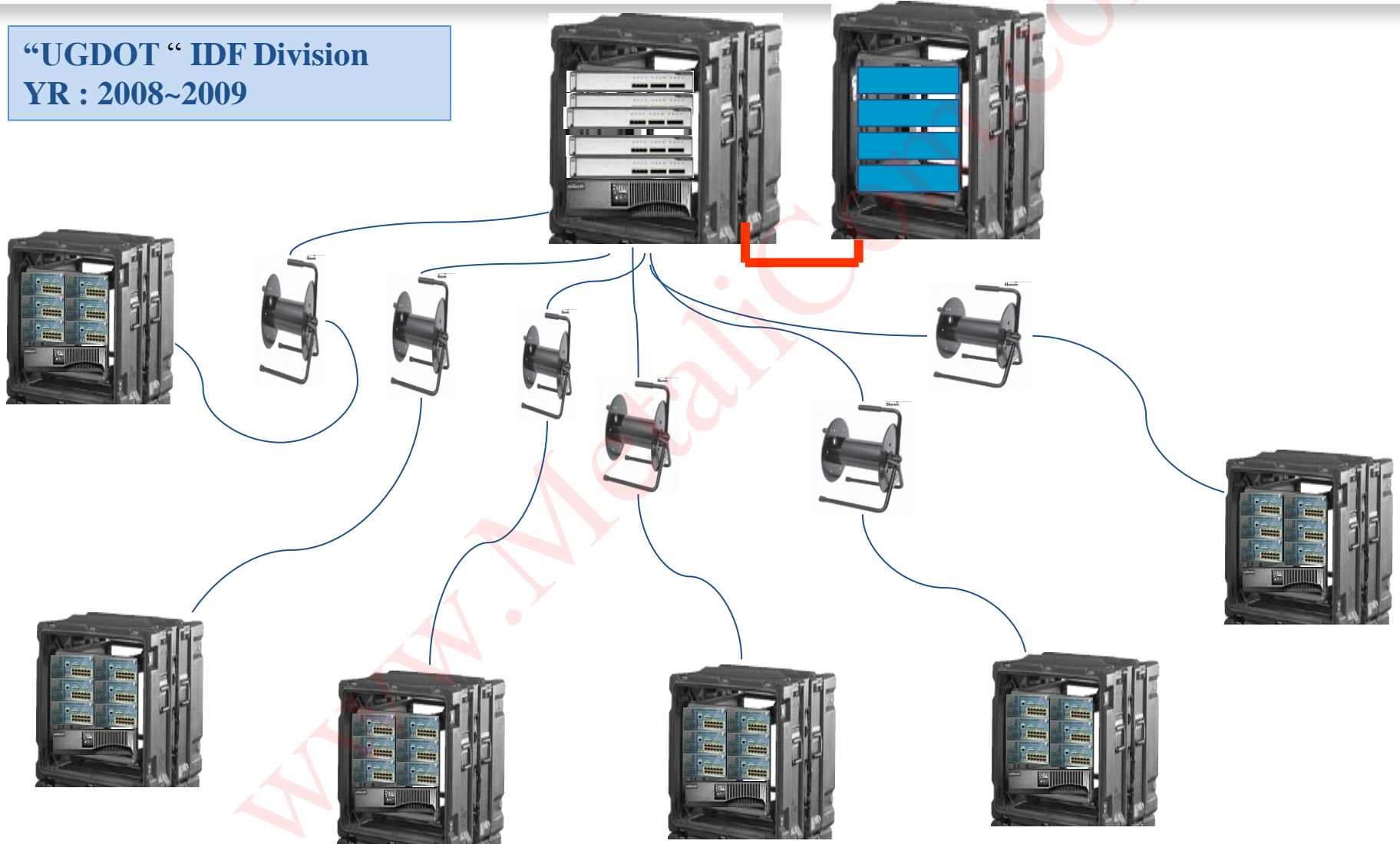
- Production and Assembly for the IDF- Israeli Defense Forces.
- Fully Integrated Copper & Fiber Optic Communication Cabinets.
- Ruggedized as per MIL STD 810F Method 504.
- CAT6 Networking Technology.
- EB (Extended Beam) Fiber Optic Technology.

10U Cabinet's Rear Side
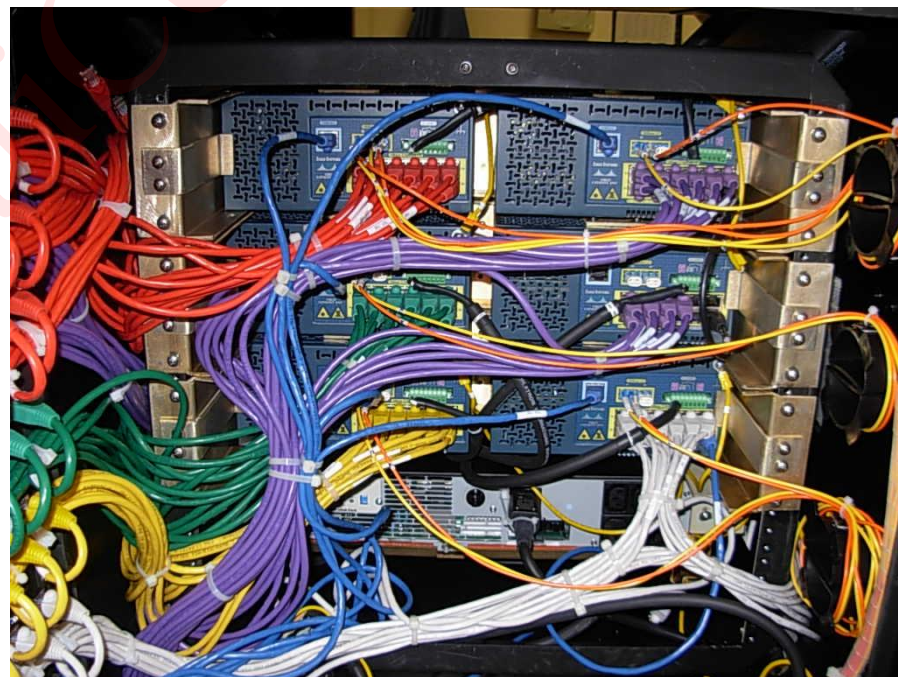
10U Cabinet's Front Side
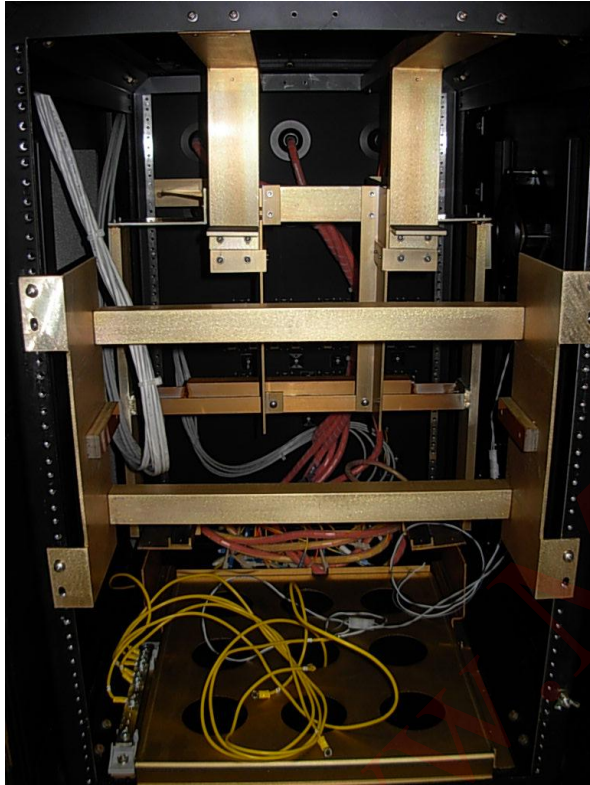
16U Ruggedized Cabinet's Structure
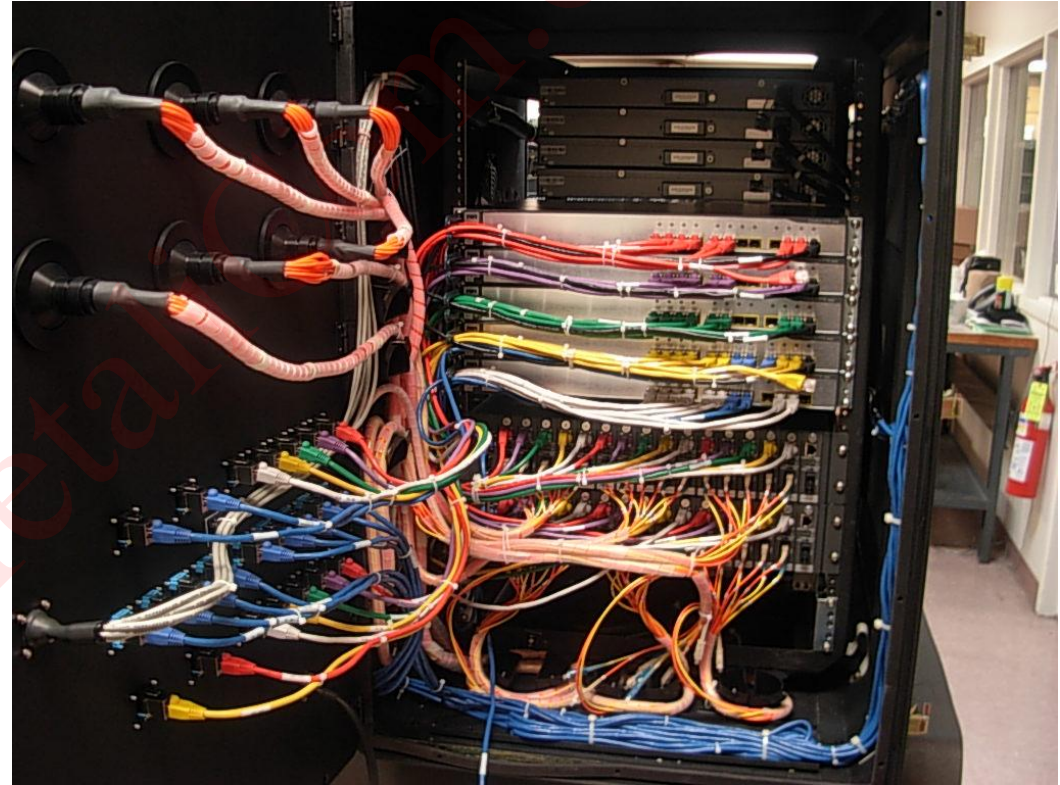
Fully loaded 16U cabinet

AC, DC & Data MIL STD Cables
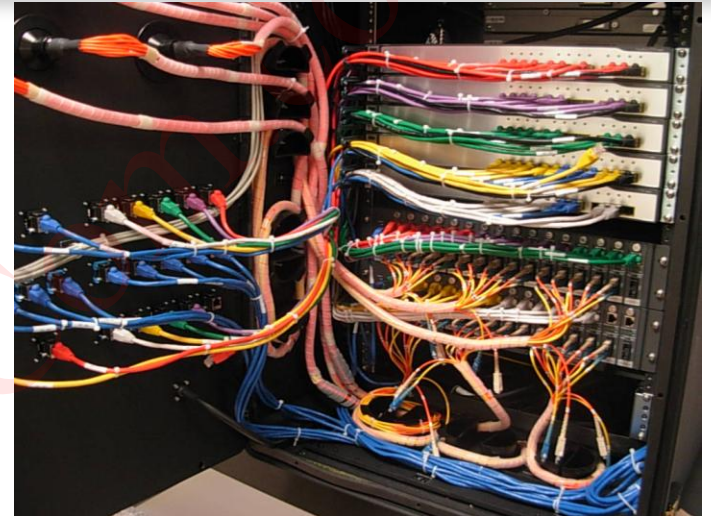
Stranded Shielded CAT6 LAN & Fiber Optic Cables.

Assembly Line
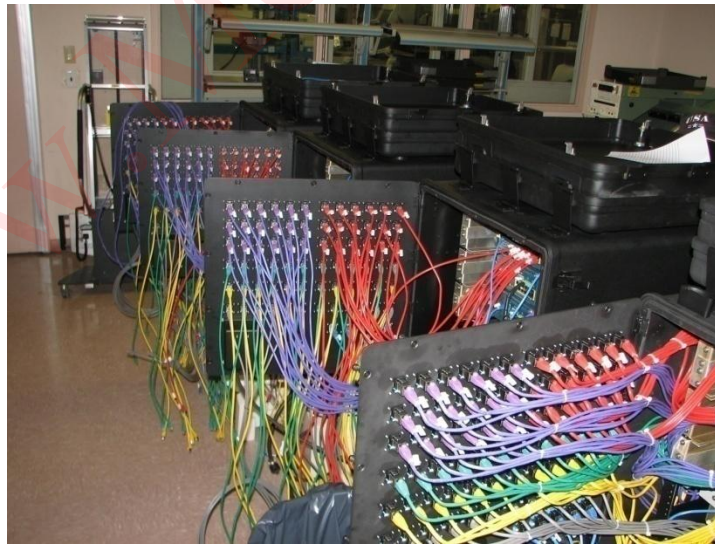
Israel's Tzayad -Tzava Yabasha Digitali in Hebrew, 'DAP' - Digital Army Program

We supply different products and build all the Male-Male/Male-Female CAT7 LAN Cable assembles for this project.
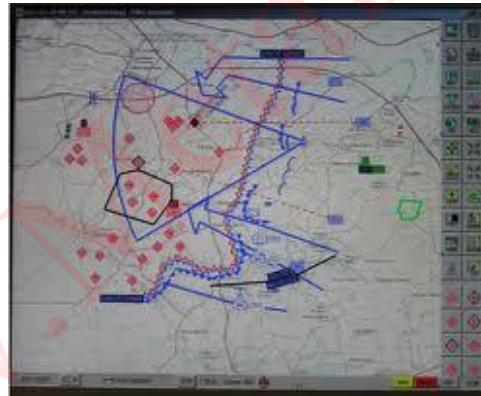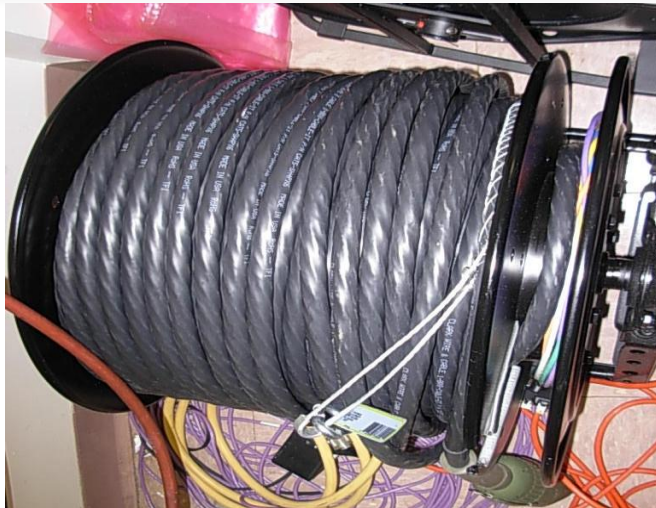
Outdoor Reel/Cable Assemblies

300M Tactical Outdoor Fiber Optic Cable

35M & 100M Tactical CAT6 LAN Outdoor Cable

Cable Assemblies for Indoor & Outdoor Applications.

Power & Data Cables

IP67 RJ45 Cable

ETH MIL STD Cable

Molded IP67 USB Outdoor Cable

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Custom Made Adapters & Connectors.

RJ45 to T/B
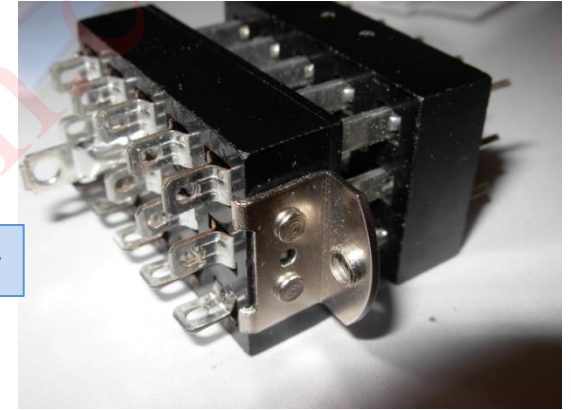
10A Power Connector

BNC Solder Type

DB25 to DB25

MetaliCom
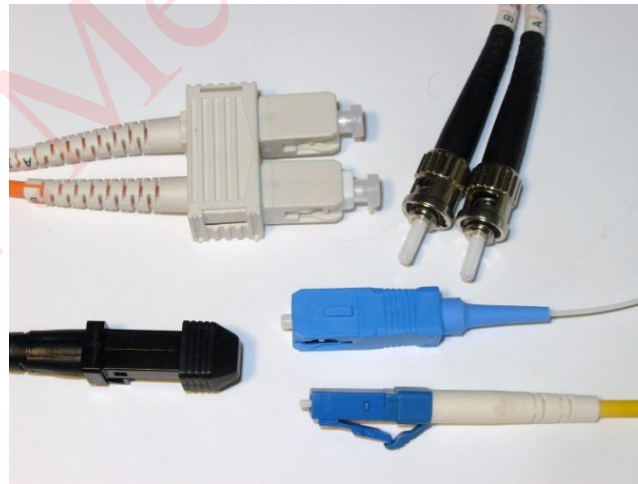METALS & SO MUCH MORE.

1U Patch Panels

Insert W/Couplers
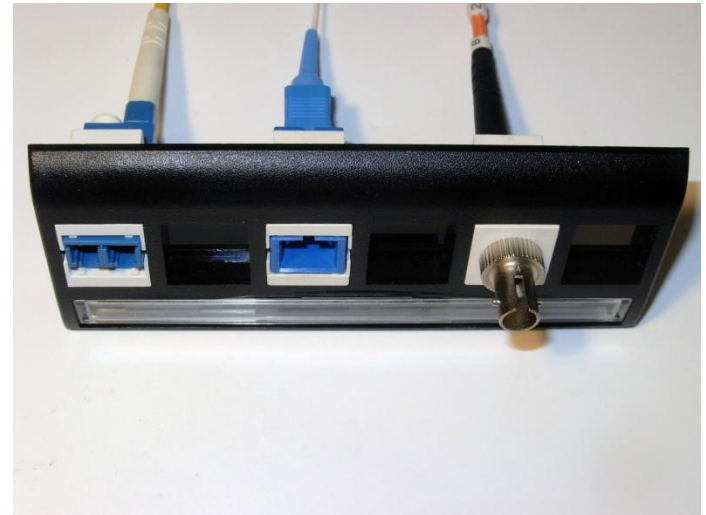
Fiber Optic Inserts
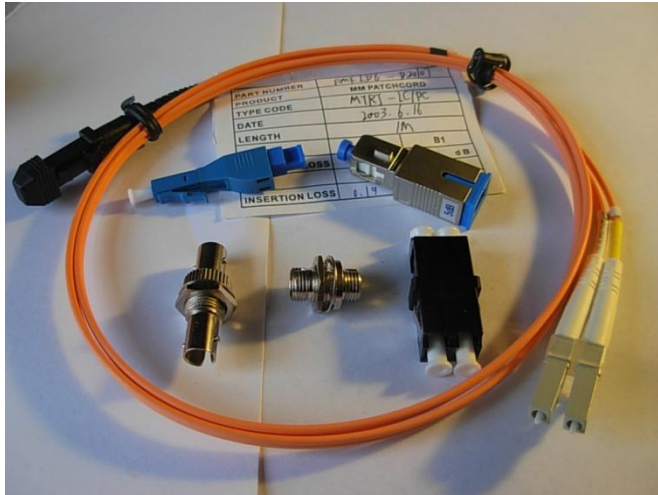
Fiber Optic
Attenuators,
Adapters,
Connectors,
Patch cords

Custom Sub-Racks

21 Slots 3U Sub-Rack
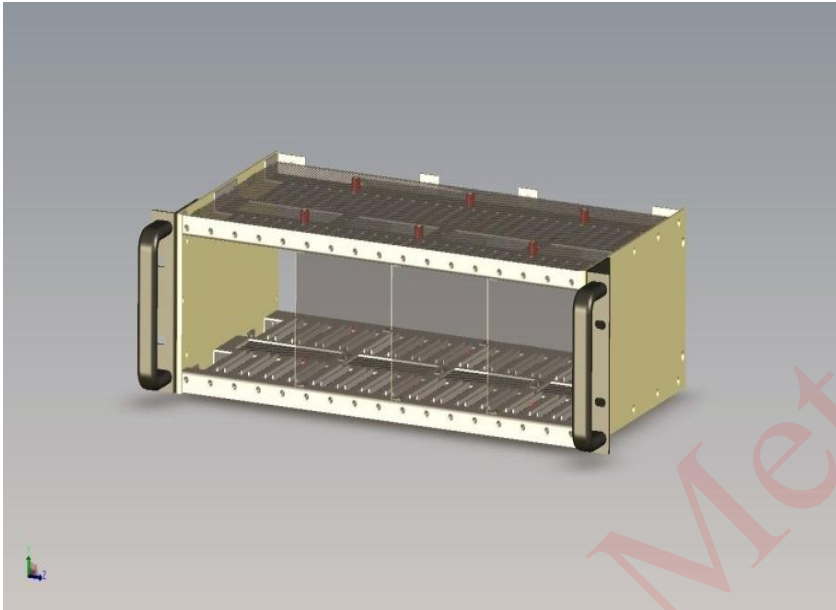
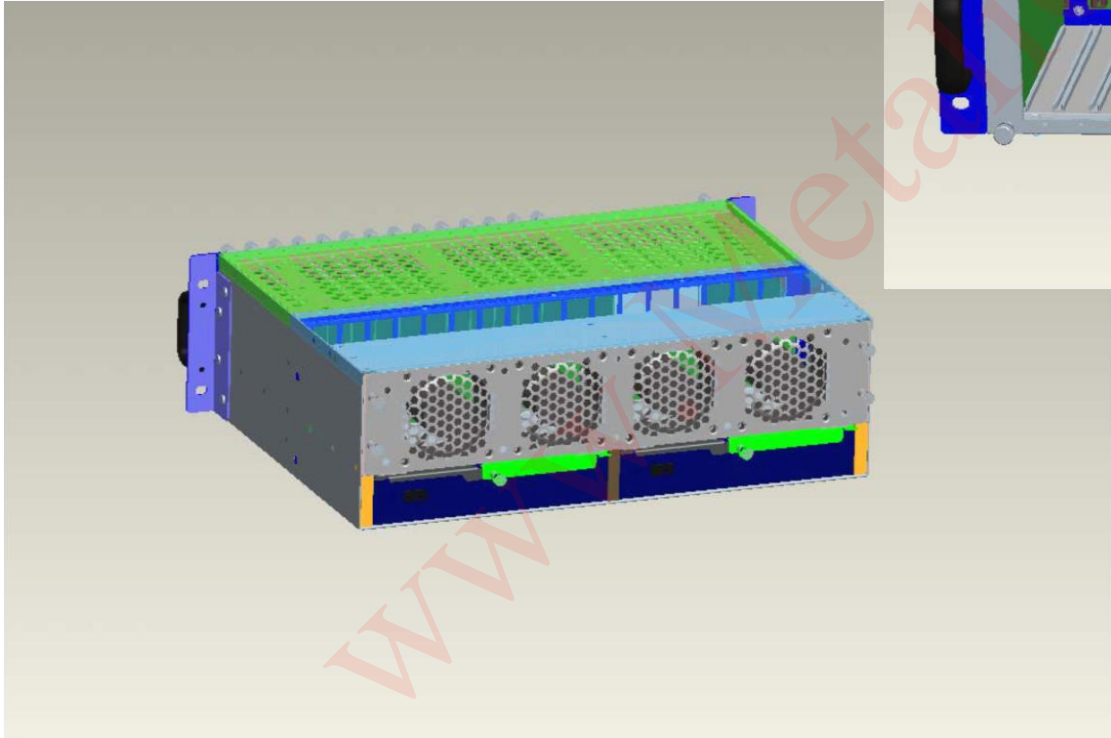16 Slots +2 Power Supplies
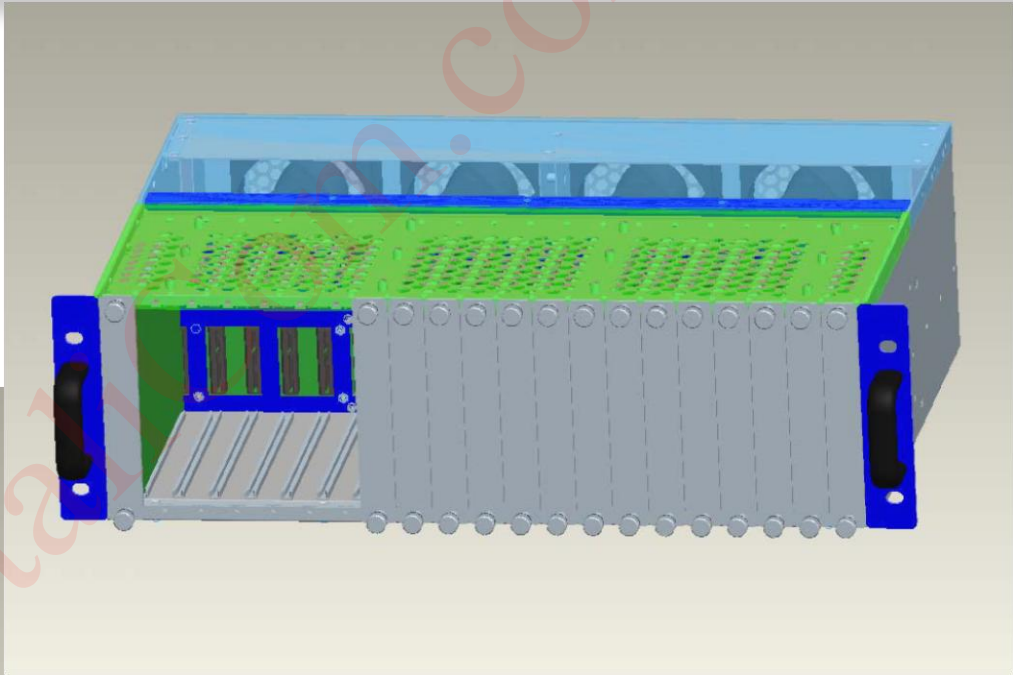
21 Slots 3U Sub-Rack

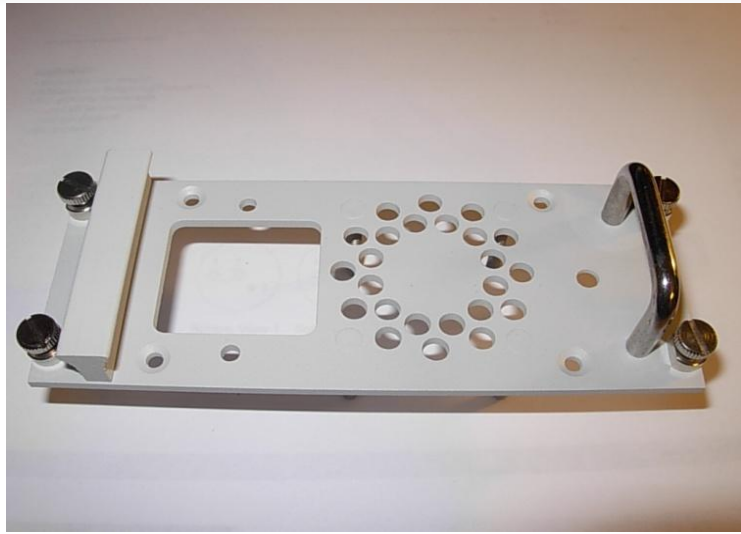MetaliCom
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Custom Made Front Panels

2 Slots Front Panel

1Slot Front Panel

EMI Gasket
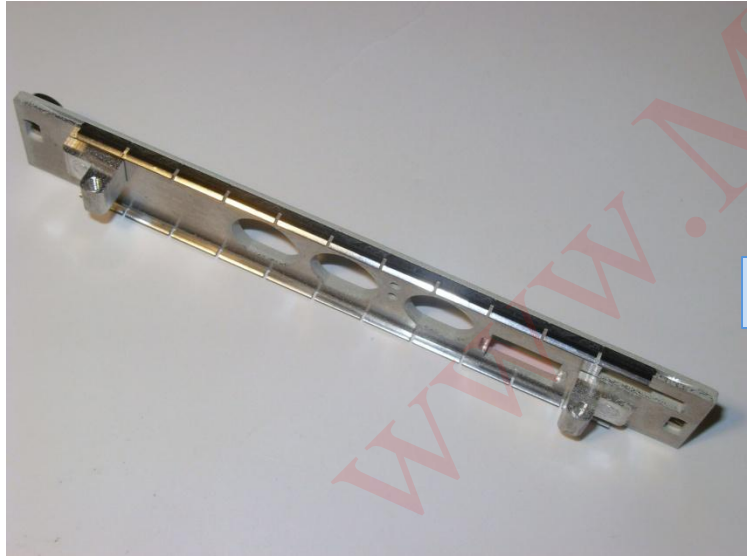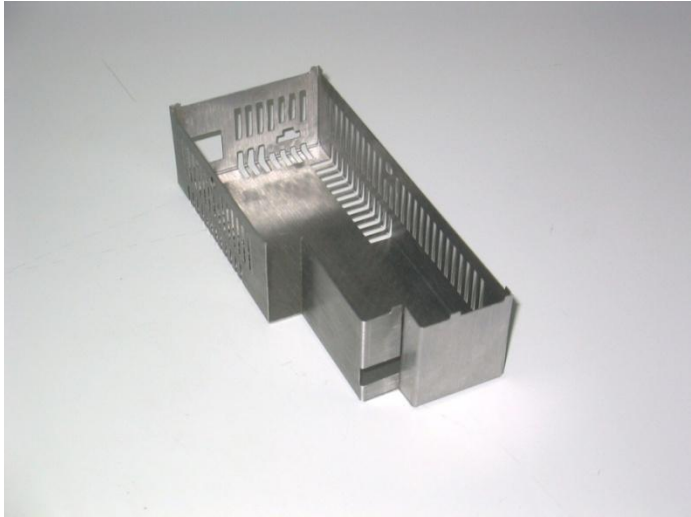
Metal Stamping

CNC Parts

Thank You.

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www.MetaliCom.com
Tel: 732 918 8221
Fax: 732 918 8331
Cell: 718 909 4093