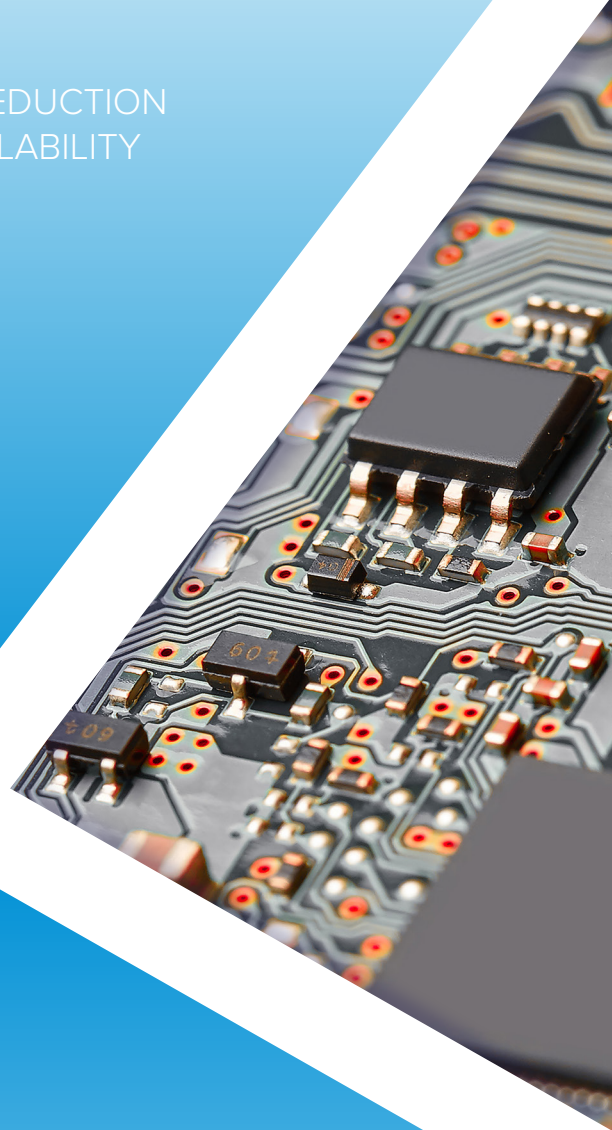


Design For Supply Chain (DFSC)

- BOM REVIEW / ANALYSIS
- COMPONENT ALTERNATE SOURCING & BOM COST REDUCTION
- OBSOLESCENCE MANAGEMENT & COMPONENT AVAILABILITY
- ENVIRONMENTAL COMPLIANCE
- TRADE /EXPORT COMPLIANCE



VEXOS
Local Service. Global Capabilities.

COMPONENT OBSOLESCENCE MANAGEMENT WITH A PROACTIVE VERSUS REACTIVE APPROACHES

Managing components and suppliers is more critical than ever as obsolescence, counterfeit, and non-compliance risks continue to grow and can be categorized within two distinct realms: **Proactive versus Reactive**

Reactive approach to obsolescence management relies on taking action once a component event such as the release of a Product Discontinuance Notice (PDN) has already occurred, advising the OEM of an impending change in the component's lifecycle. This approach is fraught with potential error and late information becoming available to the OEM.

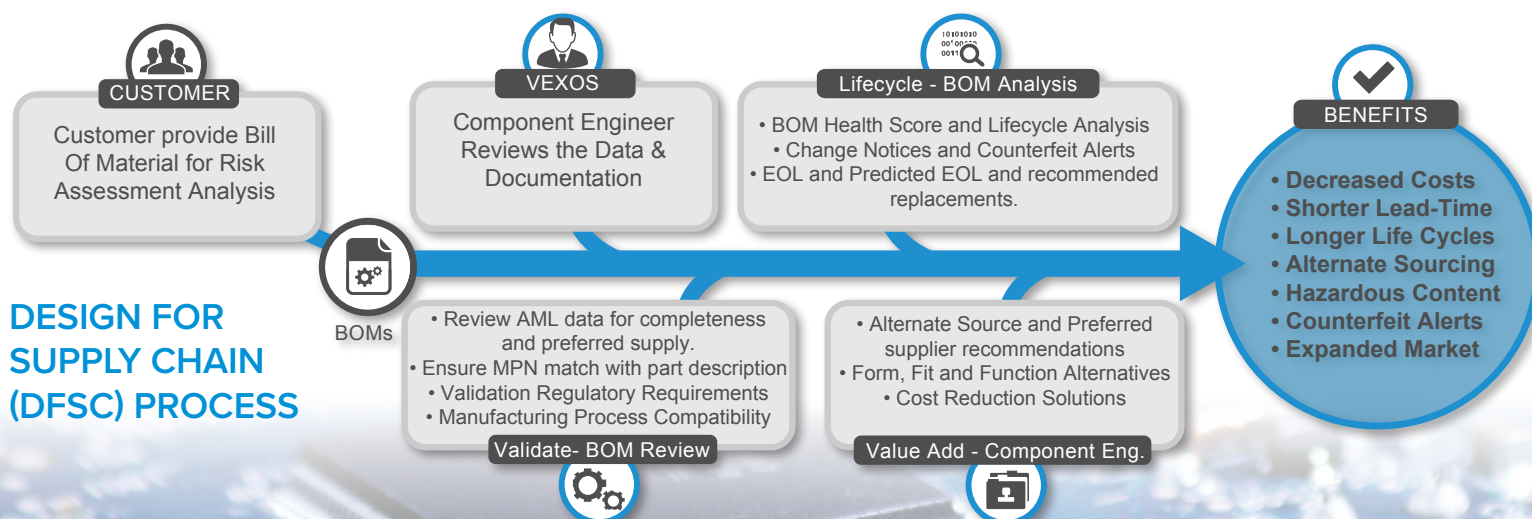
Proactive approach focus on predicting component obsolescence prior to the issuance of the PDN. OEMs using a proactive approach to obsolescence management assign risk grades to each component and have appropriate measures in place to deal with the lifecycle change of a component in the future.

PROACTIVE - DESIGN FOR SUPPLY CHAIN SERVICES

Our Design For Supply Chain (DFSC) Services uses "Risk Management Analysis" tools and component engineer's expertise, allowing our customers immediate risk assessments on specific BOM's as needed. The tool forecasts component obsolescence and conduct's a risk analysis on entire Bill of Materials using advanced algorithms designed specifically to manage component lifecycles. This tool also allows for finding immediate potential cross references that match form, fit and function to your components if and or when required.

DFSC (Design for Supply Chain)

- Vexos Engineering will proactively create internal part number with associated approved manufacturers with revision control to allow Product Lifecycle Management through the product evolution.
- Utilizing component engineering capabilities, the Approved Manufacturer List (AML) will be scrubbed to identify single sourced AML components, expand on existing AML and source preferred suppliers for lower cost, high value.
- Global Procurement will engage strategic suppliers and assist with part design feedback for improved yield and costs and review critical parts in the FMEA to evaluate risk and mitigation plans.
- As part of our standard review, Component Engineering will provide validation and selection of orderable part numbers to support full automation for high quality production.
- Certificate of Conformance, component level lot code traceability and reporting is integrated with our business systems to support startup and sustaining production needs as per ISO-13485.



RISK MANAGEMENT ANALYSIS TOOLS AND COMPONENT ENGINEER'S EXPERTISE

BOM REVIEW/ANALYSIS

- Identifies problematic components such as Obsolete, End-of-Life, Not Recommended for New Design, Single Source, as well as the Years before to End of Life information of the components.

COMPONENT ALTERNATE SOURCING & BOM COST REDUCTION

- Propose alternates for Single Source, Obsolete, End-Of-life
- Optimize BoM and provide significant Cost Savings for existing Product Design and New Product Development

OBSOLESCENCE MANAGEMENT & COMPONENT AVAILABILITY

- Monitor Product Change Notification and Component life Cycle (Obsolescence, End-of-life and component changes), providing the customers first hand information about the changes affecting their BoM.

ENVIRONMENTAL COMPLIANCE

- Ensures product complies with the latest and updated Environmental Compliance Directive such as ROHS and REACH and other applicable directives.

TRADE /EXPORT COMPLIANCE

- Verify if the product complies with Conflict Minerals Law (US) by checking each component in the BoM are Conflict Minerals free as required by the law.

Dependable Quality

Vexos achieves the highest quality levels by utilizing the latest equipment, processes, quality standards and certifications across the organization; to enable a flawless launch of each individual program.

- Rigorous selection of sub-contractors or partner factories
- Performance evaluation and monitoring through regular audits of the factories
- Continuous training for personnel at all levels
- Document control to safeguard your data and release of technical documents
- Sample approval process including production part approval process (PPAP)

Certifications

- ISO 9001:2015
- ISO 13485:2016
- ISO 14001:2015
- FDA registered
- UL Certified ZPVI2
- AS9100D:2016
- OHSAS 18001:2007
- RoHS and Non-RoHS
- IATF 16949:2016
- CGP certification
- ITAR Registered

Markets We Serve



COMMUNICATIONS



INDUSTRIAL



MEDICAL



SMART GRID



SECURITY



AUTOMOTIVE



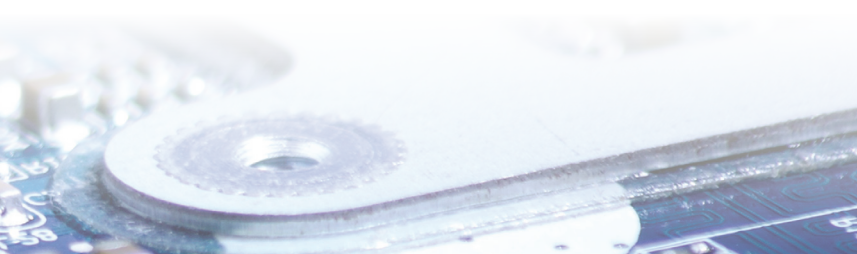
COMPUTING



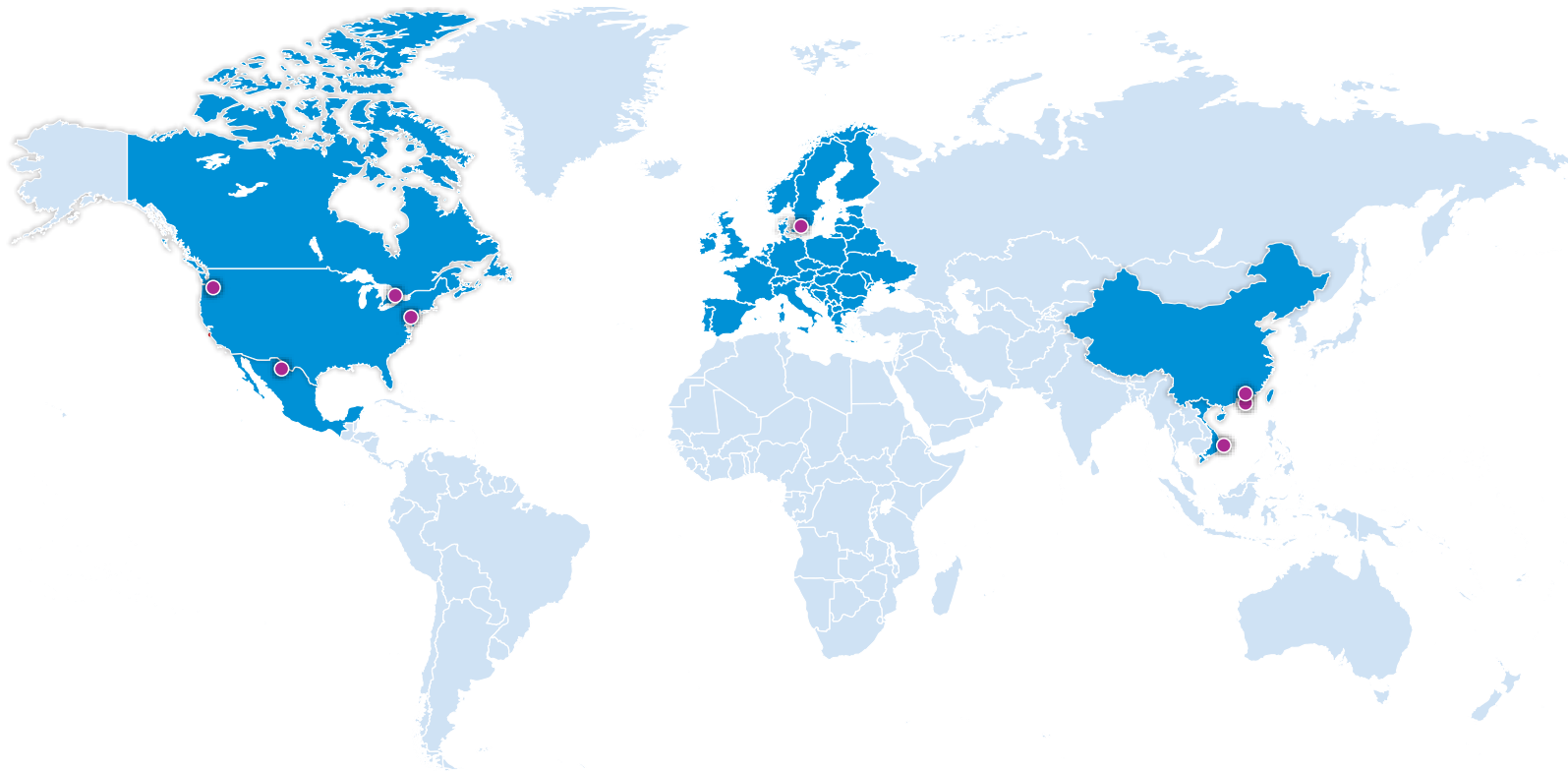
AVIATION
DEFENSE SPACE



HVAC



Locations



USA

VANCOUVER, WASHINGTON, USA

MANUFACTURING FACILITY
VEXOS | CONTROLTEK

3905 NE 112 Avenue, Vancouver,
WA 98682
+1 360.896.9375

MEXICO

JUAREZ, CHIHUAHUA, MEXICO

P 41 – VEXOS
Boulevard Manuel Talamas Camandari #6867,
Colonia Puente Alto.
CD. JUAREZ, CHIHUAHUA
MÉXICO C.P. 32695
+1 905-479-6203

CANADA

MARKHAM, ONTARIO, CANADA

MANUFACTURING FACILITY
195 Royal Crest Court
Markham, Ontario, Canada L3R 9X6
+1 905-479-6203

EUROPE

MALMÖ, SWEDEN

EUROPEAN SALES OFFICE
WTC Building, Skeppsgatan 19
SE-211 11 Malmö, Sweden
+46 705 48 26 59

ASIA

DONGGUAN, CHINA

MANUFACTURING FACILITY
Block A, Plainvim Industrial Park, Dongkeng
Avenue, Dongkeng Town Dongguan City,
Guangdong, PRC, 523455
+86 769 8101 5368

HO CHI MINH CITY, VIETNAM

MANUFACTURING FACILITY
Floor 4th, Standard factory B, Tan Thuan
street, Tan Thuan EPZ, Tan Thuan Dong
ward, District 7, Ho Chi Minh City,
72909, Vietnam
+84 28 3636 2939

HONG KONG

ASIA LOGISTICS
Flat A, 11/F Wing Tai Centre
12 Hing Yip Street
Kwun Tong
Kowloon, Hong Kong
+852 2304 7900

WINNER OF CIRCUITS ASSEMBLY AWARDS



vexos.com | 855-711-3227