



Building The World's Most Critical
Products - *Yours*

OnCore Medical Capabilities

Topics of Discussion

- Medical Device Industry Trends
- Operational Implications
- Our Medical Industry Custom Solutions
- Our Value Proposition
- Case Studies

Medical Device Industry Trends

Three Major Industry Trends - Their Operational Implications

Industry Trends

- Moving to “Best –cost-country” (BCC) for complex products shipped to US and European markets
- Emerging markets’ rapid growth
- Stricter regulatory enforcement throughout the supply-chain



Implications for Medical OEMs

- Design and implement a US / BCC supply-chain strategy
- Develop an “in-country / for-country” supply-chain strategy
- Develop a supplier quality systems integration model

OnCore's Customized Medical Solutions

Operational Implication

Design and Implement a US / BCC Supply-chain Strategy



Develop an "In-Country / For-Country" Supply-chain Strategy



Develop a Supplier Quality Systems Integration Model



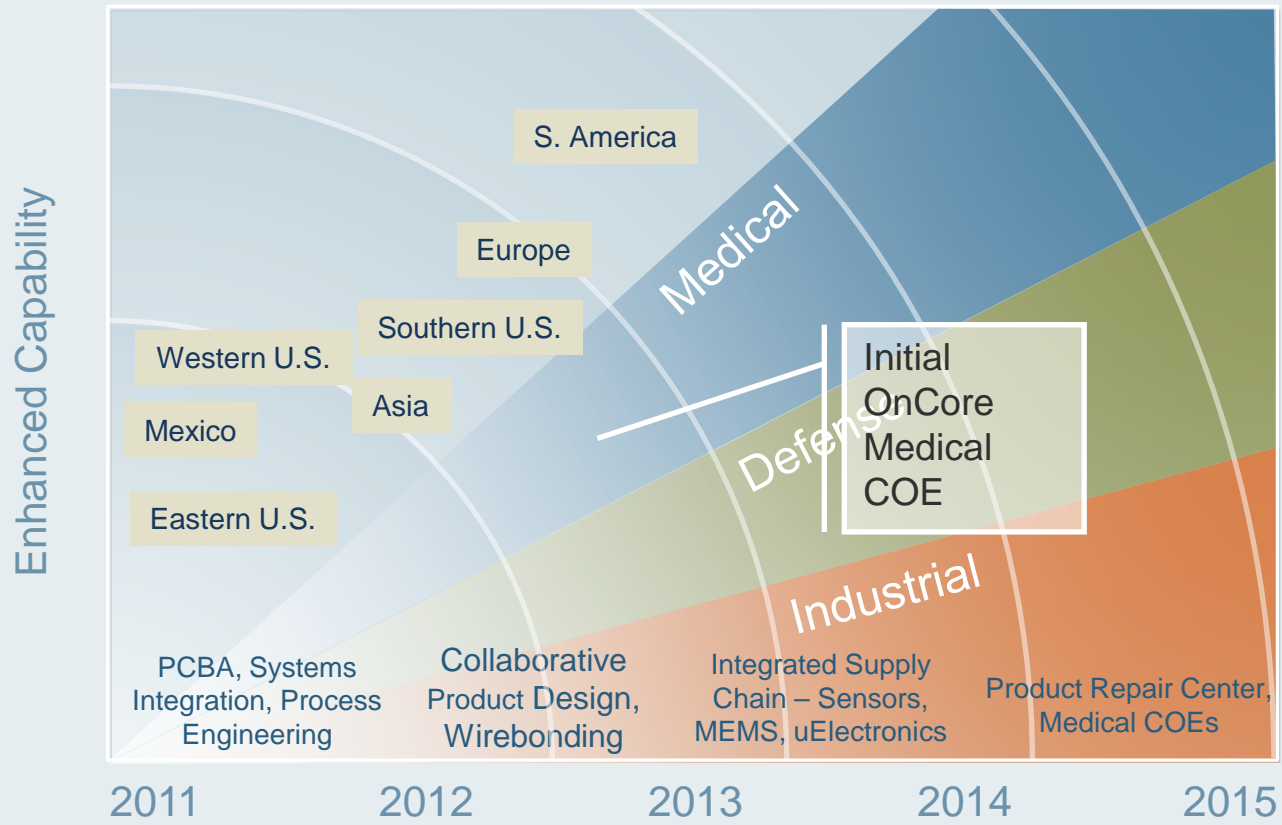
OnCore Custom Solutions

Use OnCore's Mexico/US-plant model to reduce DOS, increase responsiveness to fluctuating demand changes and typically lower TLC

Utilize OnCore's rapid commercialization process, Velocity, to reduce TTM and OnCore's China presence for building in-country/for-country

OnCore's quality management system maintains complete device history including component traceability, CAPA and SPC/SQC

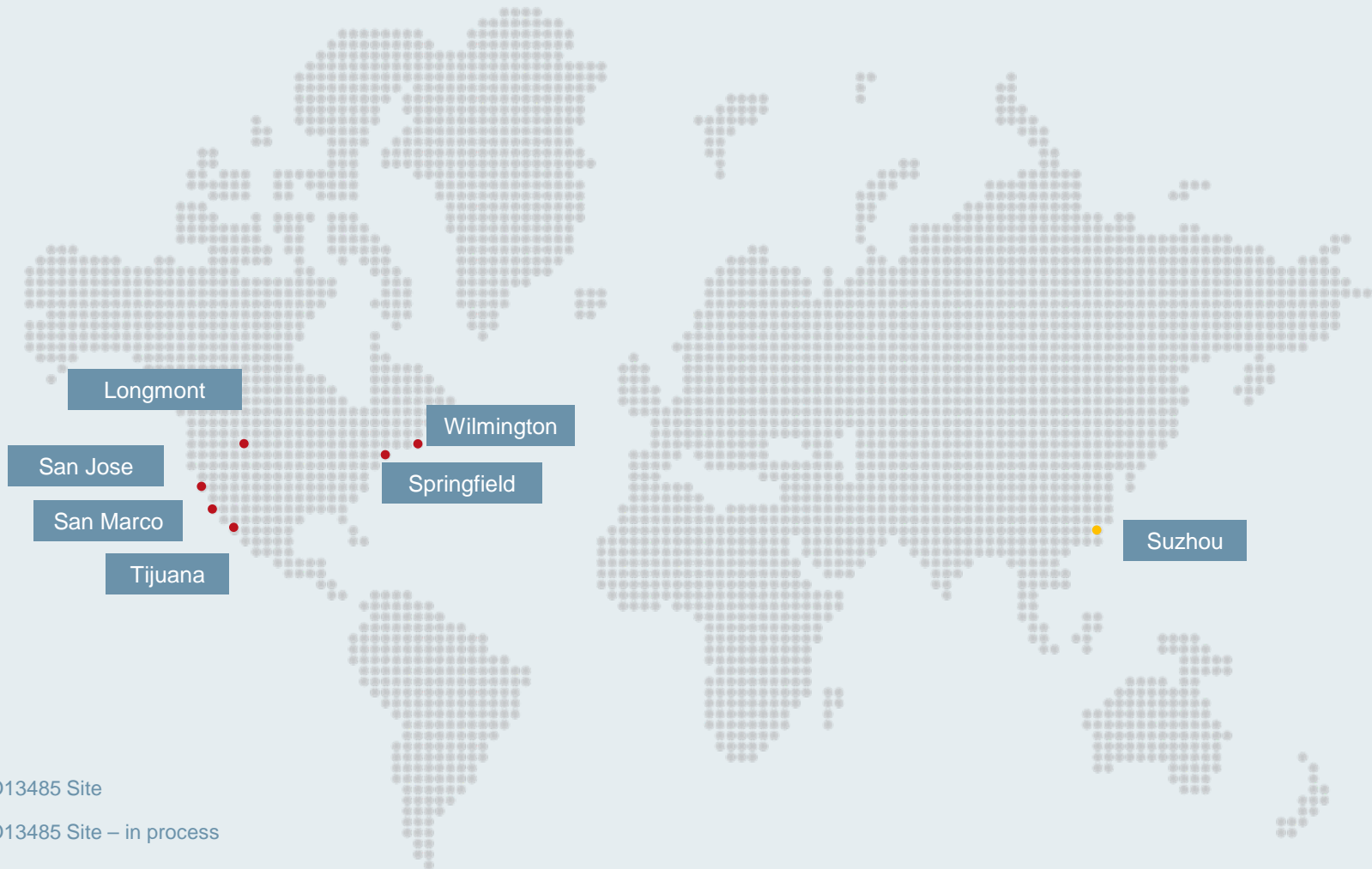
Our Medical Market Strategy



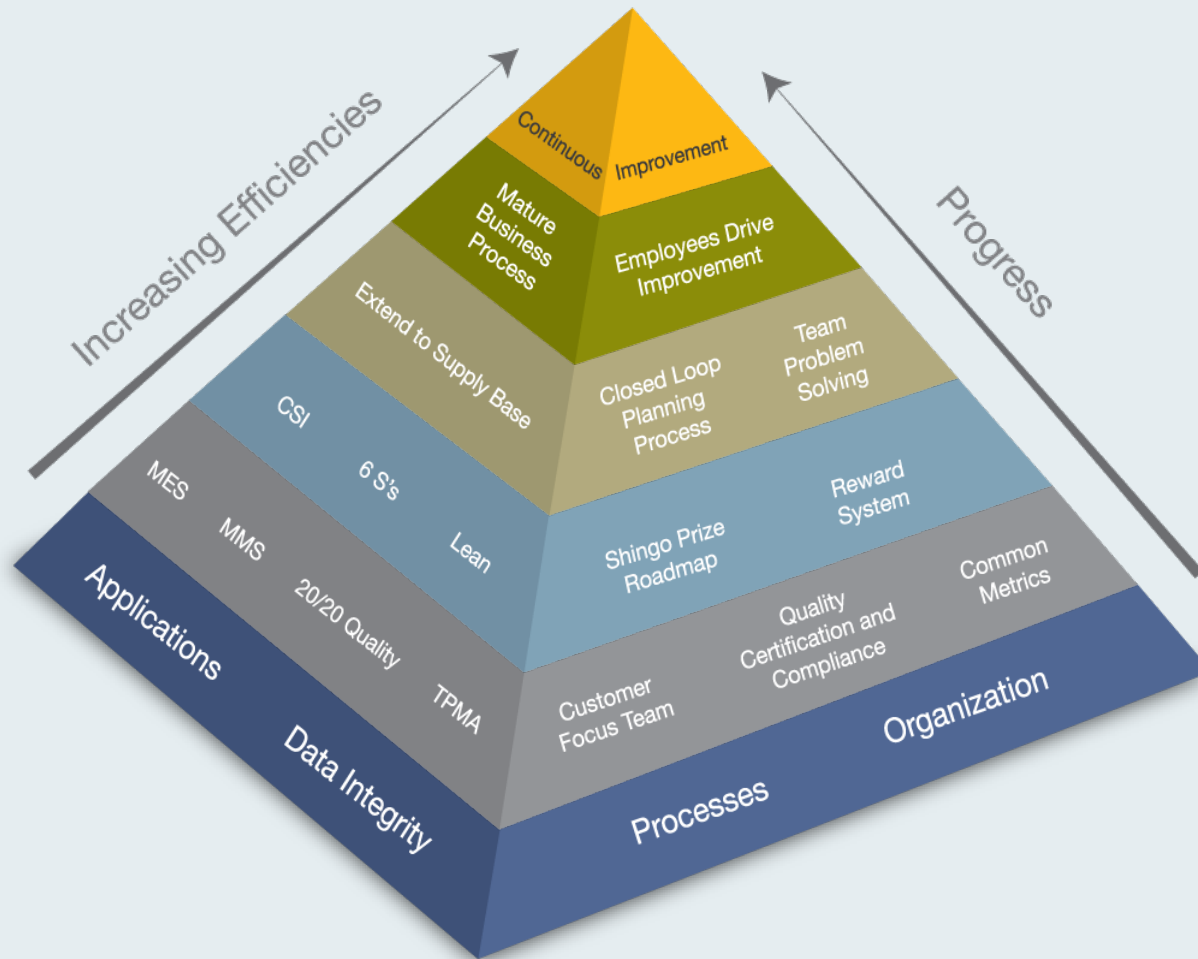
OnCore Medical Strategy

| Solution Area | Investment | Capability |
|----------------|--|--|
| •Tools/Systems | <ul style="list-style-type: none"> •OCuity 2.0 •CAPA •Document Management •Wirebonding equipment •DMS | <ul style="list-style-type: none"> •Component traceability •Failure reporting, analysis and corrective action •Document vault system •Bare die bonding •Diminishing manufacturing source and material shortage management |
| •People | <ul style="list-style-type: none"> •Director Regulatory Compliance •Global Sourcing Managers •Medical Lead | <ul style="list-style-type: none"> •Medical regulation control •B/LCC supply-base development •Subject matter expert for medical |
| •Footprint | <ul style="list-style-type: none"> •Geography – China •Capabilities – Wilmington | <ul style="list-style-type: none"> •China market entrée •Velocity-focused facility |
| •Markets | <ul style="list-style-type: none"> •Medical Product Design Center •Micro-electronics integration | <ul style="list-style-type: none"> •Product design capabilities •MEMS, μElectronics components supply and integration |

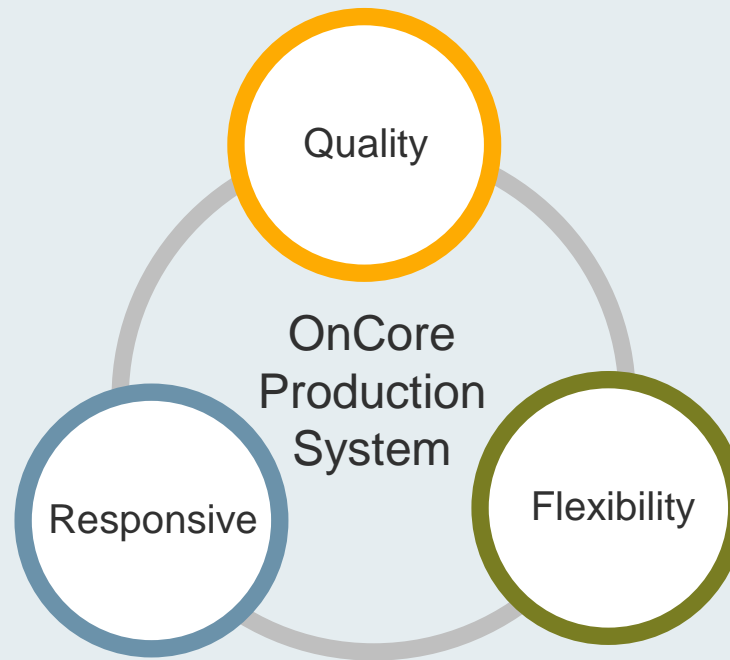
Our Global Medical Footprint — global capabilities with medical centers-of-excellence



The OnCore Production System – how we fulfill our promises, manage your product's complexity and provide you with business flexibility



The OnCore Production System — Your Competitive Advantage



Custom Medical Product Solutions

Level 0

Mechanical Components Only

- Fabrication of piece parts

Level 1

Mechanical Assembly

- Placement of parts in an enclosure

Level 2

Electro-Mechanical Assembly

- Installation of fans, cables, harnesses, and passive components
- Building the box with minimal wiring and testing

Level 3

Electronic Enclosure Assembly

- All components fully wired and tested
- Installation of intelligent power supplies, complex cable assemblies, backplanes, and thermal controls

Level 4

Active Cards and Software

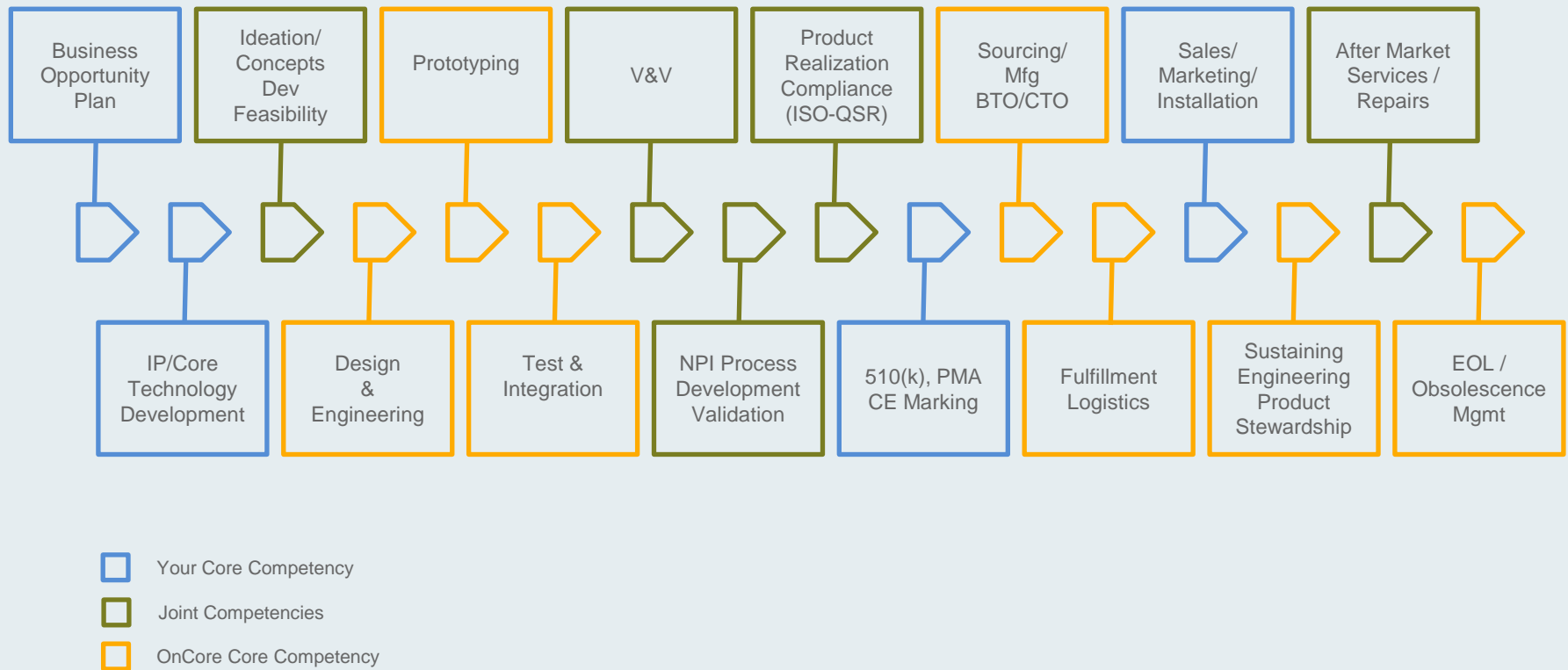
- Final hardware, software, and other components installed for final testing
- Installation of active cards and software with testing

Level 5

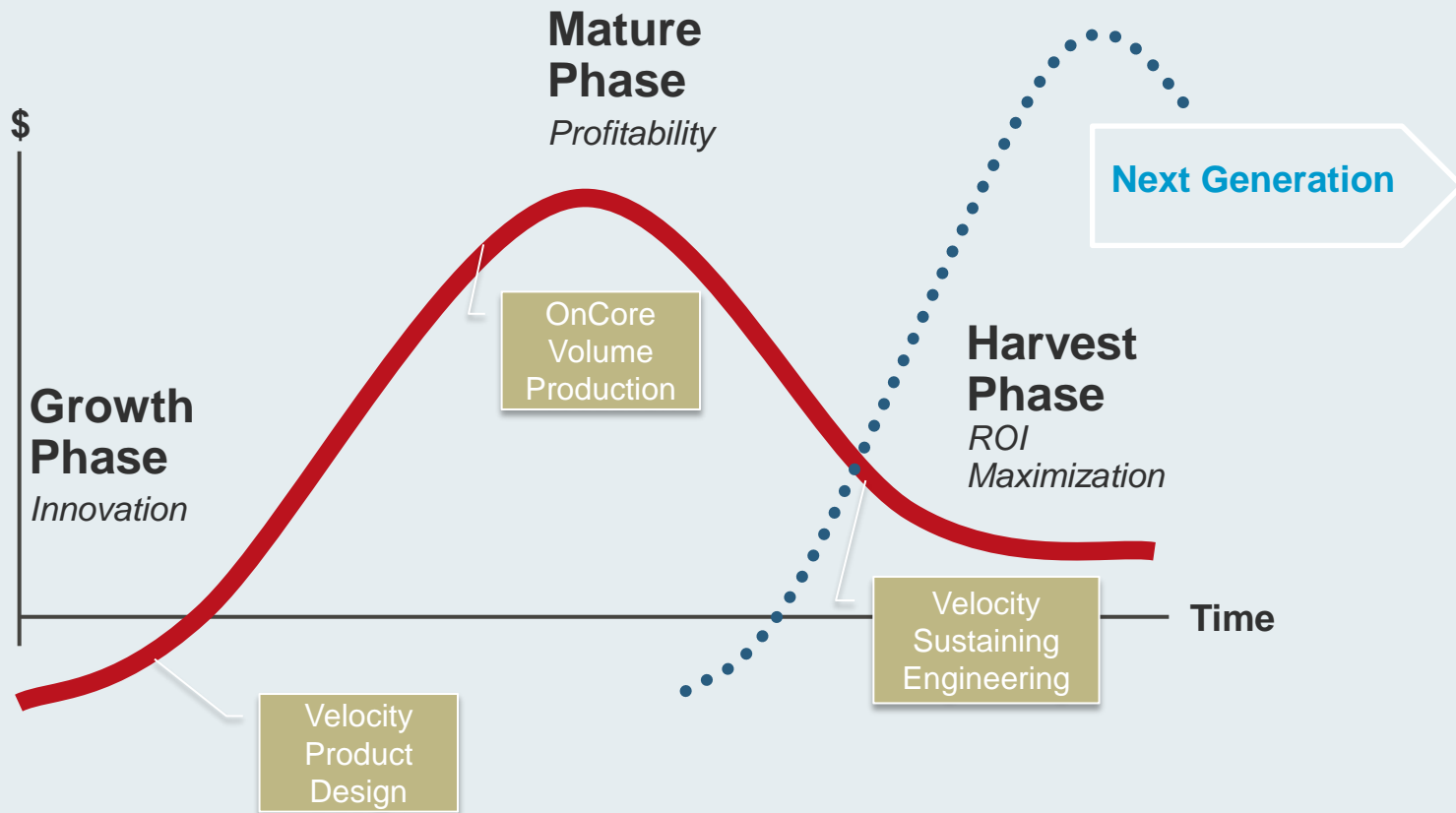
Box Build and Drop Ship

- Final configuration and testing of finished products
- Logistics to either OEMs or end-customers

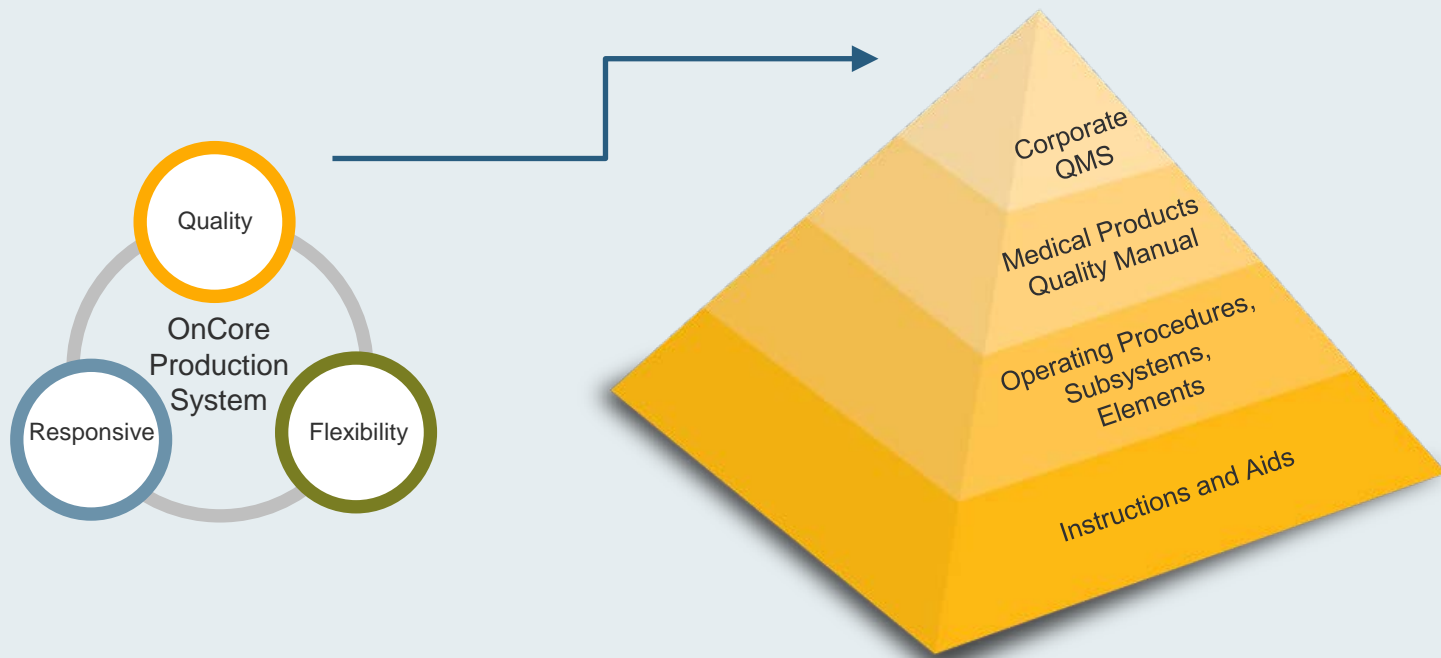
Medical Product Lifecycle Management – we create and manage a custom solution for wherever you are in your product's life cycle



Medical Product Lifecycle Management – we offer services for wherever you are in your product's life cycle



Our Regulatory and Quality Compliance Foundation



Our Medical Value Proposition

Quality systems, which match yours, align our tools, systems, processes and people to fulfill your product's objectives. We know our success is intertwined with your success so we are organized to be an integral part of your team and to always deliver on our promises. Your products are long-lived. We focus on the long-term. We build lasting relationships based on trust and care that assures our promises to you are kept!

Case Studies

OnCore Case Studies

| Company Type/Description | Issues | Solution | Benefits Achieved |
|--|--|--|--|
| <p>Medical device company needed Level 5 box-build and integration</p> | <ul style="list-style-type: none"> Parts tolerances were not evaluated in an as-built state. Aggregated tolerances consistently resulted in final assembly not working as planned. Yields were 80%. | <ul style="list-style-type: none"> OnCore engineers ran DFM studies of parts combination and suppliers OnCore proposes an optimal components combination to customer | <ul style="list-style-type: none"> Yield improves to 99.8% Costs reduce Mis-shipments eliminated |
| <p>Medical device company needed Level 4 box-build</p> | <ul style="list-style-type: none"> Customer directed supplier of FPDs consistently delivered components that were scratched and could not pass incoming inspection Customer was missing commit dates | <ul style="list-style-type: none"> OnCore packaging engineers worked with the supplier to improve the quality of packaging material while reducing bulk | <ul style="list-style-type: none"> Incoming inspection pass rate increases to 99.9% Shipping and packaging costs significantly decrease Customer commit dates improve to over 98% |

What can we do for you?