## The Architected for Continuous Transformation BIONIC ENTERPRISE

# **Envision** | Transform | Thrive



**Overview** 

Human **Perspective** 

Technology **Perspective Transformation**  **Fusion: Bionic Architecture** 

**Artificial Fusion: Fusion** Intelligence Strands/UX

Value Generation

**Fusion:** Roadmap Bionic transformation must result in integrated bionic digital platforms with converged data, hyperconnectivity, and distributed intelligence at the edge.

# Implementation Roadmap

In every corner of the enterprise, determine the needed improvements and level of change; match the possible bionic technologies and the effects they can have on human activity and prioritize investment and development of the bionic digital platform in that way.

### **Visionary Transformation Leaders Need to be Asking:**

- What makes an enterprise bionic?
- How do I build visionary leadership in a bionic enterprise?
- How do I build a creative enterprise with high innovative output?
- How do I leverage the 3 types of capital that fuel a bionic enterprise (cognitive, behavioral, network)?
- How do I architect the bionic DNA of my organization to achieve bionic effects?
- How do I build a bionic strategy and transformation roadmap using the maturity models in the Bionic Enterprise Framework?
- How do I mature the organization to embrace change and the effects of bionic technologies?
- How do I recognize, manage, and plan paradigm shifts to maintain or achieve
- How do I plan and carry out evolutionary and revolutionary change?

Recognize Need for Paradigm Shift

**Pre-Bionic** 

**Fusion:** 

Executive Buy-In

Continuously architect and build a platform that will support and help scale the bionic effects to achieve the user experiences that will help deliver the results the enterprise seeks.

### Transform the Culture: Bionic Education

### **Training & Orientation**

- Training Bionic Architects and Transformation
- Train Executive Leadership and Business

**Bionic Capabilities** 

**Capability Planning** 

Identify Strategic Capabilities (supporting

Identify Operational Capabilities (supporting 1st

Identify Tactical Capabilities (supporting current

activities and value creation mechanisms &

Align Capabilities to activities and the Bionic

transformational 2nd Order Change)

order operational excellence)

value streams)

Strategic Plan

• Identify Value Streams

### Planning for Paradigm Shift

Be

Bionic

Enterprise

Be Bionic Entenpoise

### **Strategic Analysis**

Paradigm Analysis

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- Validate Vision, Goals, Objectives against paradigm shift
- Analyze Human Perspective: Internal Paradigm
- Analyze Human Perspective: External Paradigm
- Assess Visionary Leadership Maturity
- Assess Creativity Maturity
- Assess Organizational Maturity
- Analyze Fusion Perspective: Bionic Functions
- Analyze Bionic Technologies
- Analyze Governance
- Analyze Technology Capability Maturity

# **Strategic Planning**

### **Envisioning the Bionic Enterprise**

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- Develop Internal Paradigm • Develop External Paradigm
- Update Vision, Mission, Goals
- Define/Update Value Creation Activities
- Define Improved User Experience Benefits/Effects
- Define Strategic Paradigm Shift (2nd Order Transformational Change)

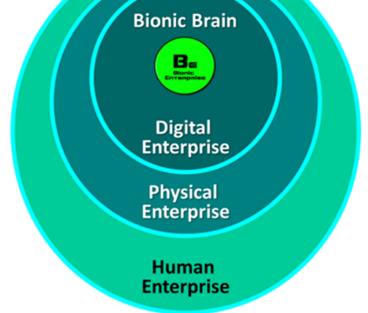
### **Bionic Design**

### **Transition Planning**

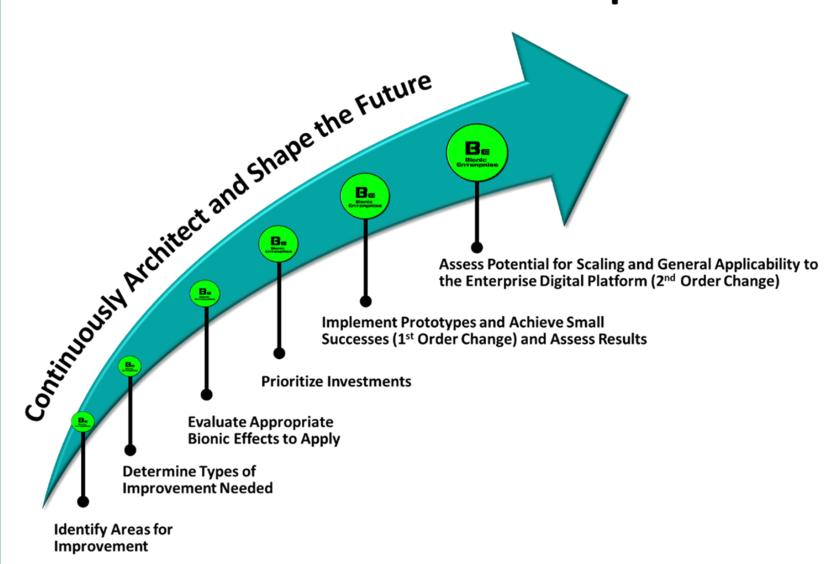
### **Becoming Bionic**

# Execution: Achieving Paradigm Shift

### Fund, initiate, manage and track development increments for Current and Future Paradigms.



## **Bionic Transformation Sequence**



- Identify improvements to user experiences, core processes, cross-functional integration, organizational structures, information flows, facilities, and infrastructure in both the new and existing paradigm.
- Identify enterprise services (looking at capabilities as cross-enterprise services -
- Align capabilities to user experiences
- Establish and maintain support for EA as a service and a core enterprise capability to be the glue between strategy and execution.
- Establish EA governance and configuration management
- Integrate authoritative data into the architecture
- Develop To-Be Strategic Architecture
- Develop To-Be Capability Architecture
- Develop To-Be Operational Architecture (major value streams and supporting value streams and user
- Develop Systems Services, Infrastructure Architecture for the Bionic Digital Platform

Identify solution sets for the To-Be (Future Paradigm)

- Align solutions to the capability architecture
- Update the As-Is (Current Paradigm) architecture
- Develop transition plans and increments
- Develop transition architecture: objectives, solutions, tasks, measures supporting Current and Future Paradigm development.

The future is built by creative enterprises with visionary leaders at all levels. It is built by challenging the existing ways, embracing change, and focusing on human-centric bionic design principles to provide value.

**Visionary Leadership Maturity Model** 

**Creativity Maturity** Model

Organizational **Maturity Model**  **Technology Maturity** Model

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