

What will Gen AI, AGI, ASI Replace from **Executive Board → Daily Execution workflows?**

This is a **board-level, future-looking question** — and the right one to ask **after building a full operating model.**

“AI will run the system. Humans will own the consequences.”

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## Will GenAI / AGI / ASI Replace Humans in Executive Board-to-Daily Execution?

**Short Answer (for the Board) : AI will replace tasks, not accountability.**

**It will advise, automate, and optimize decisions — but humans will retain ownership, ethics, and final authority for decades.**

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### **1** Define the Three Levels Clearly (No Marketing)

Level	What it really means	Reality timeline
GenAI	Pattern + language reasoning	Now – 5 years
AGI	General reasoning across domains	10–25 years (uncertain)
ASI	Superhuman autonomous intelligence	Unknown / speculative

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### **2** Where AI Can Replace Humans (Already / Soon)

Below is a **role-by-role replacement map** for your operating model.

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#### Executive Board Level

**What AI can do (NOW–3 yrs)**

- Prepare board packs
- Summarize risks, KPIs, OKRs
- Run scenario simulations
- Flag anomalies & early warnings
- Draft decisions & options

## What AI cannot replace

- Accountability
- Ethics & fiduciary duty
- Political judgment
- Legal responsibility
- Values-based trade-offs

 **AI = board analyst, not board member**

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## Executive Level

### Replaceable

- Portfolio optimization
- Funding scenario modeling
- Resource allocation simulation
- OKR progress analysis
- Risk forecasting

### Not replaceable

- Leadership
- Cultural authority
- Crisis judgment
- People decisions
- External stakeholder trust

 **AI = chief of staff, not executive**

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## Portfolio & Funding

### Replaceable (NOW)

- Prioritization algorithms
- Dependency mapping
- What-if funding analysis
- Gate enforcement
- Bias detection

### AI can run portfolio operations end-to-end

Human role: approve exceptions, override, set intent

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## Architecture

### Replaceable (NOW–5 yrs)

- Generate Architectures
- Validate compliance
- Detect anti-patterns
- Generate ADRs
- Enforce policies
- Review designs
- Recommend patterns

### Architecture review can be 80–90% automated

Human role: set principles, resolve novel trade-offs

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## **Product Management**

### **Replaceable**

- Backlog generation
- Impact prediction
- Prioritization modeling
- Requirement drafting
- Roadmap simulation

### **Not replaceable**

- Customer empathy
- Market judgment
- Strategic bets
- Ethical decisions

 **AI = product analyst, not product owner**

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## **Engineering**

### **Replaceable (already happening)**

- Code generation
- Test creation
- Refactoring
- Security fixes
- Deployment automation
- Documentation

### **Not replaceable**

- Responsibility
- Design accountability
- Production ownership

- Crisis response

✦ **Engineers become reviewers & owners, not typists**

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## ■ **Security & Compliance**

### **Replaceable**

- Policy enforcement
- Evidence generation
- Risk scanning
- Audit prep
- Alert triage

✦ **Security becomes autonomous, humans oversee**

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## 3 **What Cannot Be Replaced (Even by ASI)**

These are **fundamental human responsibilities**:

<b>Area</b>	<b>Why</b>
Accountability	Law requires humans
Ethics	Values, not optimization
Trust	Social contract
Responsibility	Blame must land
Meaning	AI has none
Legitimacy	Society requires humans
Leadership	Humans follow humans

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## The Future Model: Human + AI Decision Stack

Human sets intent & values

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AI generates options

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AI simulates outcomes

↓

AI recommends decision

↓

Human approves / overrides

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AI executes automatically

This is **augmentation, not replacement**.

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## **5** Timeline (Realistic, Not Hype)

### Timeframe What Changes

**Now–2 yrs** AI assists everywhere

**3–5 yrs** AI runs most ops workflows

**5–10 yrs** AI proposes exec decisions

**10–20 yrs** Partial AGI co-leadership

**20+ yrs** ASI? Unknown

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## 6 Where You Should Deploy AI FIRST (Smart Move)

Given your architecture:

1. **Architecture compliance & review**
2. **Funding gate enforcement**
3. **Portfolio optimization**
4. **Risk & anomaly detection**
5. **Board reporting automation**
6. **Policy-as-code generation**
7. **Exception handling**
8. **Coaching recommendations**

These give **massive ROI with low risk**.

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## 7 The Big Insight (Executive Board-Level Truth)

The closer you get to **values, accountability, ethics, and trust**, the less replaceable humans are — even with ASI.

AI will **compress execution time to near zero**, but **responsibility stays human**.

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## 8 What Smart Boards Are Doing Now

- Mandating **human-in-the-loop**
  - Defining **AI decision boundaries**
  - Creating **AI governance charters**
  - Training directors on AI literacy
  - Automating everything below decision level
  - Keeping accountability human
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### ❏ Executive One-Liner (Use This)

“AI will run the system. Humans will own the consequences.”

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