FUTURE FIT OUTLOOK

SEZEN ACUR

TRENDS & DRIVERS AND INDUSTRY NEEDS ON SA/SE

Trends and drivers

1. Increasing dependence on complex systems	2. Growing diversity and customization	3. Growing role of AI	4. Continuous innovation and updating on long-life systems
5. Climbing the value chain	6. Innovation in ecosystems	7. Growing scarcity of engineering experts	8. Growing emphasis on sustainability

Industry needs & enablers

1. Innovation for product families	2. System of systems (SoS) and solution ecosystems	3. AI in high-tech equipment systems	4. Automation and systems democratization	5. R&D democratization

Enablers: Digital Transformation – digital engineering, MBSE   Future SE competences

TRENDS & DRIVERS AND INDUSTRY NEEDS ON SA/SE

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Complexity and System Demands

Evolving Industry Context and Challenges

COMPLEXITY AND SYSTEM DEMANDS

- Increasing dependence on complex systems

- AI in High-Tech equipment systems

- Growing system diversity

- Continuous innovation and updating of long-life systems

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Glitch in the game?

System bug is not caught, the game continues...

System fails, consequence triples!

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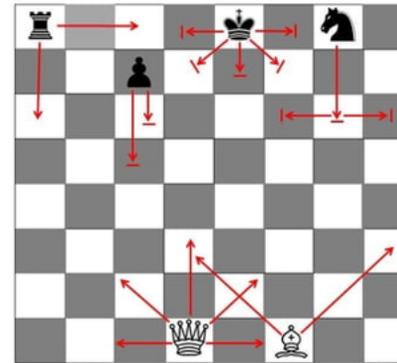

1950s chess set

1990s chess computer

2020s phone app
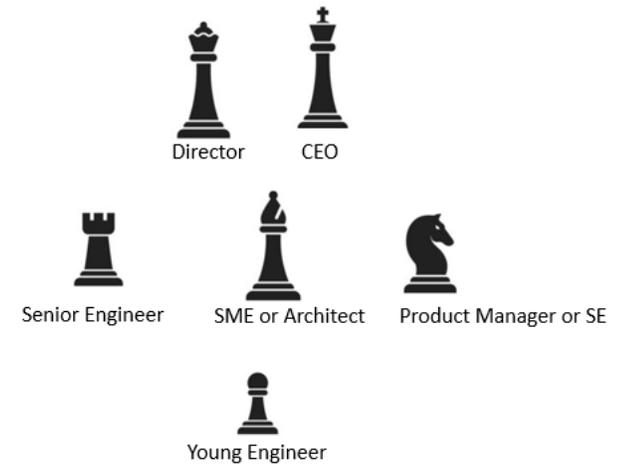
COMPLEXITY AND SYSTEM DEMANDS

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Modularity: chess pieces

Granularity: chess moves

What is the strategy?

Director   CEO

Senior Engineer   SME or Architect   Product Manager or SE

Young Engineer

EVOLVING INDUSTRY CONTEXT AND CHALLENGES

- Climbing the value chain

- Innovation in ecosystems

- Growing scarcity of engineering experts

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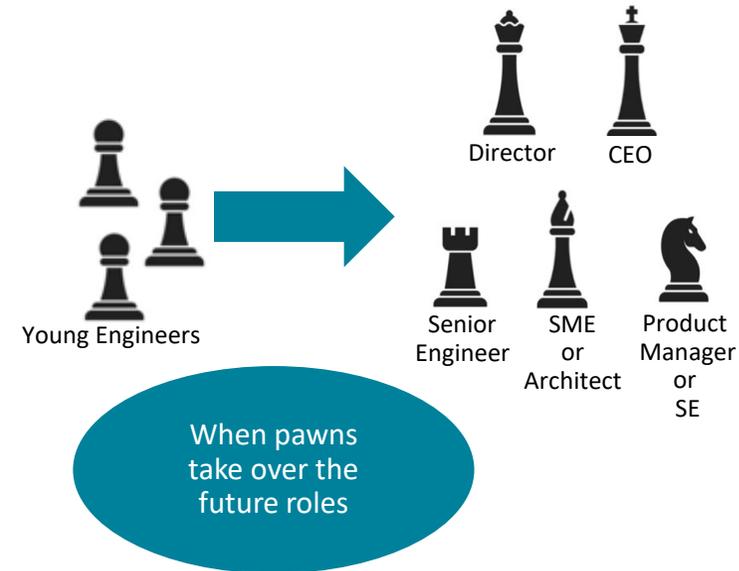Amplify chess TV, featuring tournaments

PLAY MAGNUS
GROUP OF COMPANIES

ZENNI

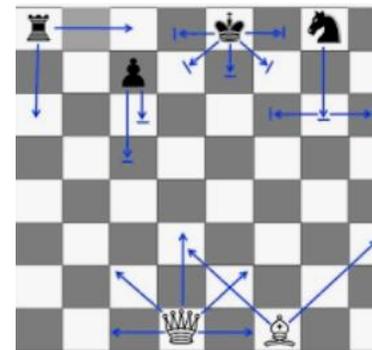Vision care awareness, chess precision

EVOLVING INDUSTRY CONTEXT AND CHALLENGES

- Climbing the value chain

- Innovation in ecosystems

- Growing scarcity of engineering experts

- Growing emphasis on sustainability

Director   CEO

Young Engineers

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When pawns take over the future roles

EVOLVING INDUSTRY CONTEXT AND CHALLENGES

- Climbing the value chain

- Innovation in ecosystems

- Growing scarcity of engineering experts

- Growing emphasis on sustainability

OR

THE VISION REPORT