



TCO Digital Way: Strategy, Architecture, Data Science & AI, and Investing for the Future

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01



TCO Digital Strategy

02



TCO Architecture Vision

03



TCO Data Science & AI Initiatives

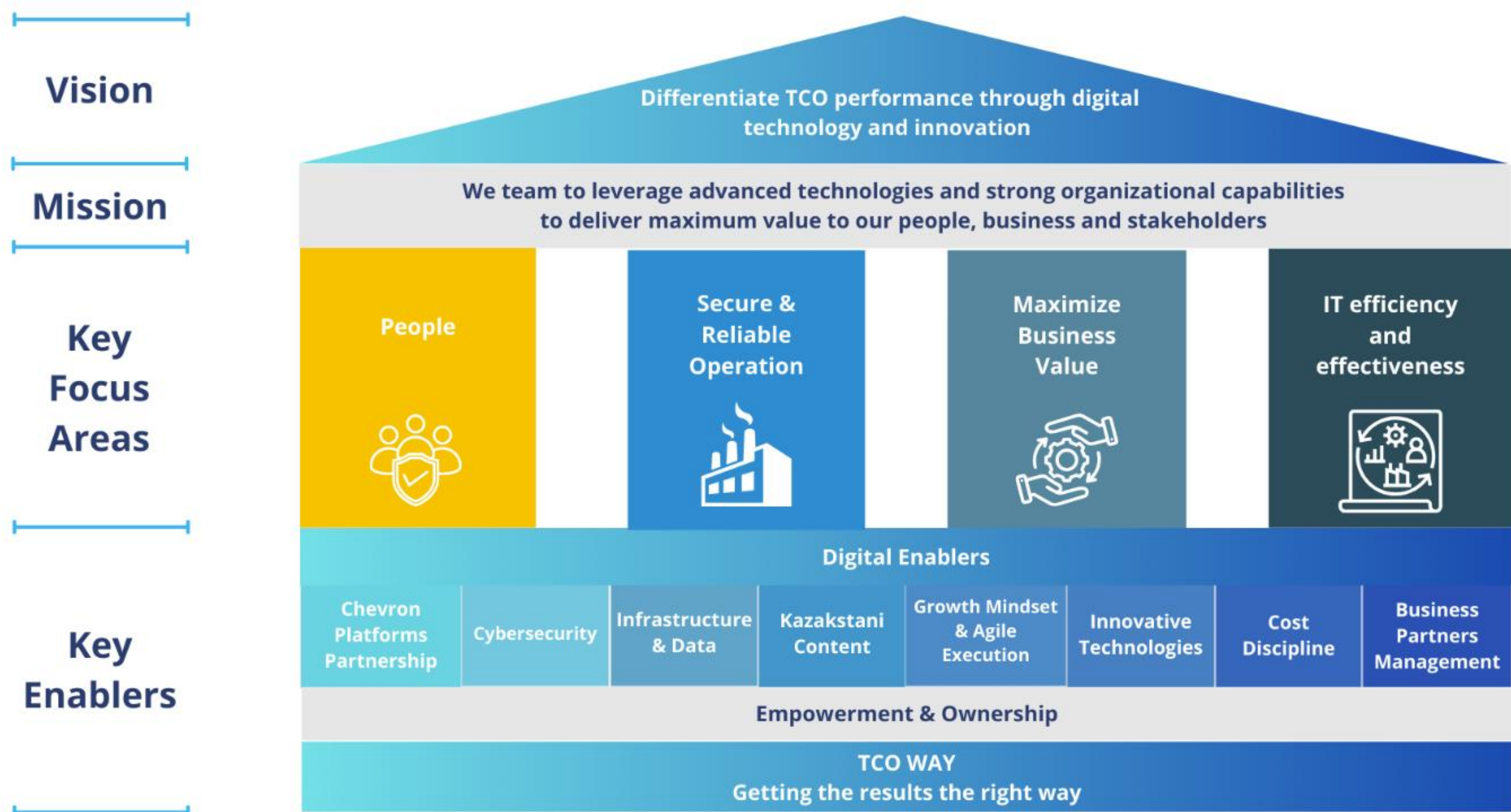
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Investing in Organizational Capabilities



TCO Digital Strategy





TCO Architecture Vision



Business Value

Efficiency, Safety, Predictive Maintenance



IT Solutions

Connected Worker, Digital Twin



Foundation

Cloud, Data, Cybersecurity, Connectivity





TCO Data Science & AI Initiatives

Data science initiatives are not merely a collection of tools, but a synergy of in-depth research and analysis, meticulously carried out by a dedicated team's collective endeavor.



Advanced Analytics



Optimization



Image Recognition






AI Chat bots





Investing in Organizational Capabilities

INTERACTION WITH UNIVERSITIES




-  **20** lectures and **2** TCO tours
-  **2** practical internships for University instructors
-  **33** interns from **14** colleges and universities in 2024

IN-HOUSE HACKATHONS

-  More than **11** Hackathons since 2019
-  **36** participants at Data Science and AI Hackathons in 2024



DATA SCIENCE AND ARTIFICIAL INTELLIGENCE PROGRAMS

- 1226** Employees attended Data Science trainings 
- 20+** Initiatives with Data Science and AI applications 
- 1500** Microsoft 365 Copilot Licenses distributed within TCO 

fueling



progress