



Innovation, Quality, Delivery on Time

Success is enabled by:
Competence, Quality and Confidence



Innovation

Today's world is changing fast. Innovation is our key to customer success.



ROPARDO Innovation Lab



ROPARDO
Headquarter

Sibiu Influences on the World

- Samuel Hahnemann opens the **first homeopathic laboratory** in the world in 1797
- The 2nd city in Europe and the 3rd in the **world** for using the omnibus in 1907
- **First missile** experiment in the world made by Conrad Haas in 1551

ROPARDO Innovation Lab

Rapidly achieve technological innovations

Success relies on
INNOVATION



Rapidly build the right
PROTOTYPE

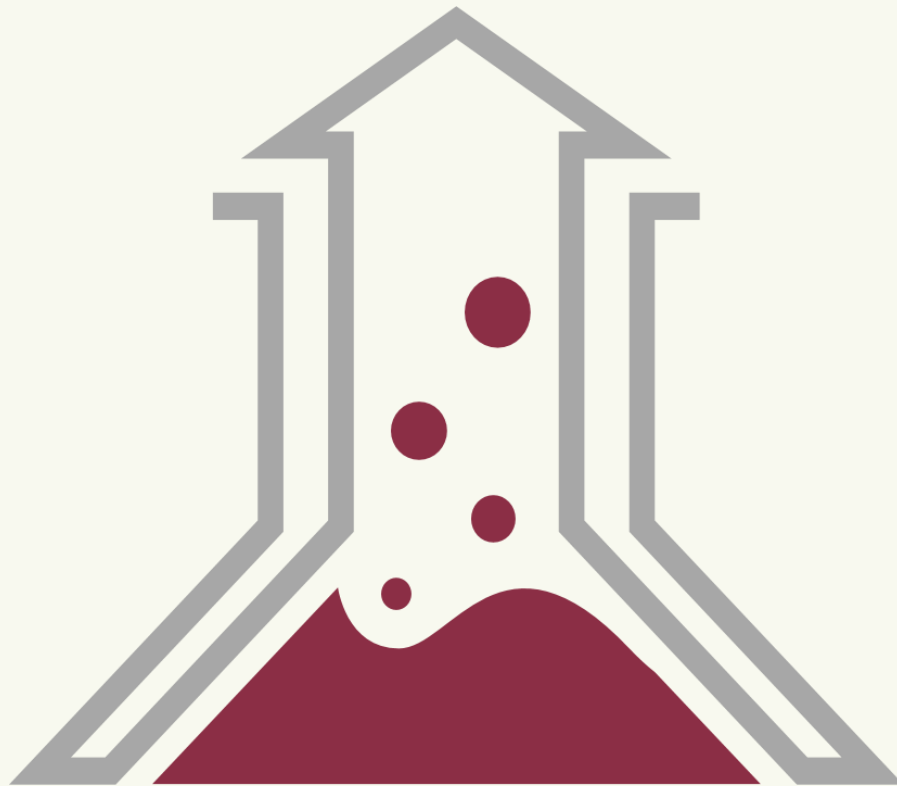


Validation relies on
EVALUATION



Work with the right
SUPPORT

Rapid Innovation Lab



Gain a competitive edge with
ROPARDO Innovation Lab
partnership

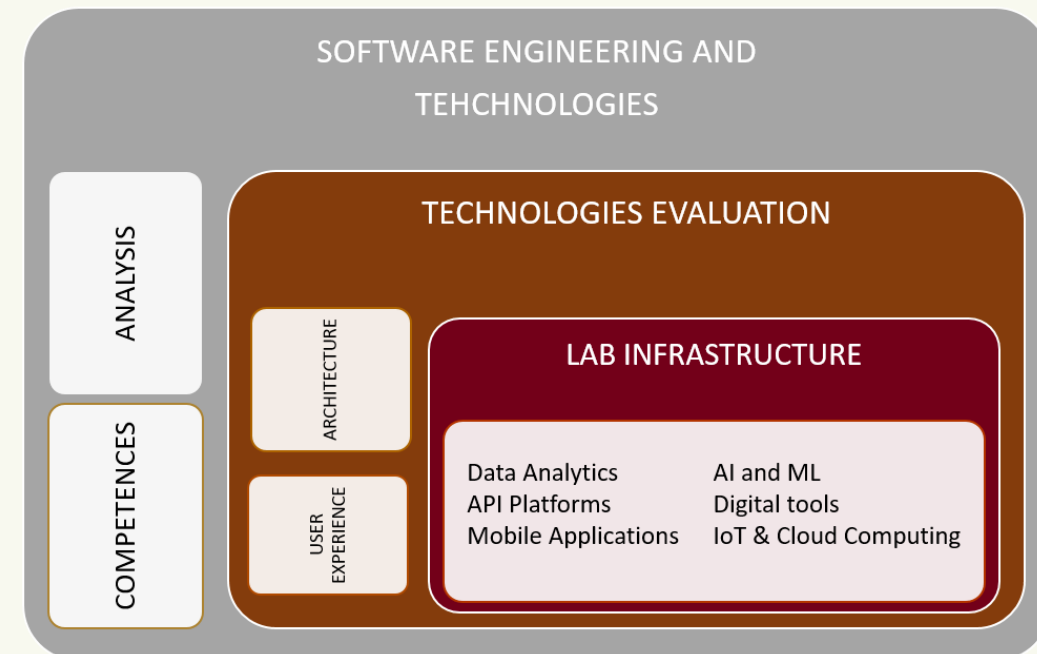
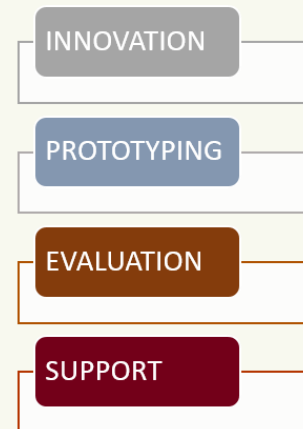
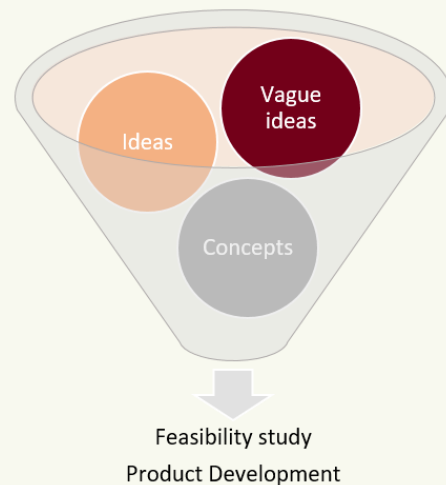
What we offer

Unique Laboratory set up for each experiment

- | | | | |
|---|--|--|---|
|  1 | Lab infrastructure with various development environments |  4 | Rapidly develop and implement ideas |
|  2 | Comprehensive toolbox for all research phases |  5 | Scientific competence |
|  3 | Secluded Cloud space – always required 😊 |  6 | Intellectual property protection |

Comprehensive Toolbox

Benefit from a toolbox of **proven methods, tools, and competences**, as well as a lab infrastructure ensuring **Rapid Prototyping**

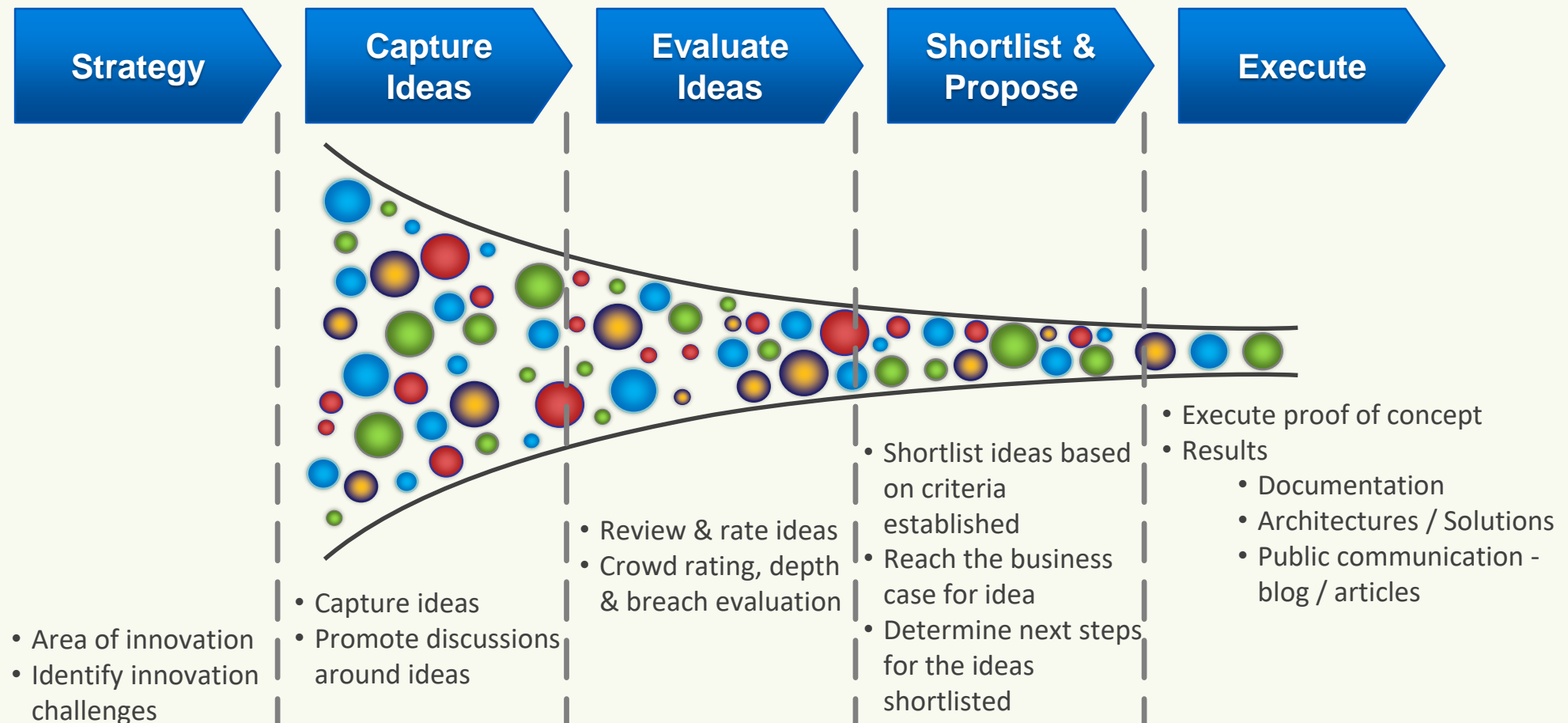


Our Focus Areas

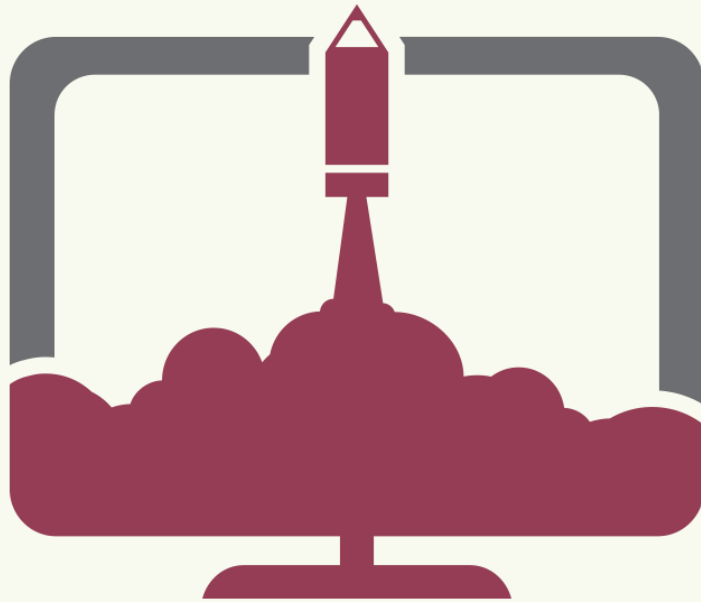
We develop innovative software solutions
which translate the results of our applied research projects into real life

AI and ML	Data Analytics	Cloud computing	IoT	eHealth	API Platform	Digital Tools
<input type="checkbox"/> Information retrieval <ul style="list-style-type: none"> • User Profiling <input type="checkbox"/> Knowledge discovery <ul style="list-style-type: none"> • Intelligent agents • Ontologies <input type="checkbox"/> Machine Learning <ul style="list-style-type: none"> • NLP • TensorFlow • Apache MXNet <input type="checkbox"/> Knowledge based systems <input type="checkbox"/> Prediction algorithms <input type="checkbox"/> Recommender Systems	<input type="checkbox"/> Big Data <input type="checkbox"/> Data Flow <input type="checkbox"/> Data visualization <input type="checkbox"/> Customer Analysis <input type="checkbox"/> Decision Support Systems <input type="checkbox"/> Cyber-physical system <ul style="list-style-type: none"> • Transform data flows into information flows 	<input type="checkbox"/> Compute <ul style="list-style-type: none"> • Scalable VMs • PaaS for apps • Containerized applications <input type="checkbox"/> High-Performance Computing <input type="checkbox"/> Databases <ul style="list-style-type: none"> • Cloud SQL • NoSQL • Memory Store <input type="checkbox"/> Networking, Identity and Security <ul style="list-style-type: none"> • VPC networking & VPN • IAM • Proxy – Gateways 	<input type="checkbox"/> IoT Core <ul style="list-style-type: none"> • Connect Devices to the Cloud <input type="checkbox"/> IoT Security <input type="checkbox"/> IoT Device Management <ul style="list-style-type: none"> • Onboard, Organize, and Remotely Manage IoT Devices <input type="checkbox"/> IoT Edge <input type="checkbox"/> Application Integration <ul style="list-style-type: none"> • Message Queues • Message Broker • Push notification 	<input type="checkbox"/> Electronic medical records <input type="checkbox"/> Radiology and Imaging <input type="checkbox"/> Secure storage <input type="checkbox"/> Patient behavior and sentiment data <input type="checkbox"/> Personalized Medicine <input type="checkbox"/> Personalized Coaching	<input type="checkbox"/> ZivaCare API <ul style="list-style-type: none"> • Connects and collects health data from any device, sensor and wearable <input type="checkbox"/> ArdoCare API <ul style="list-style-type: none"> • Secure APIs powering actionable healthcare <input type="checkbox"/> RoboFuse API <ul style="list-style-type: none"> • Support IoT teams with robust API <input type="checkbox"/> Developer Portal <ul style="list-style-type: none"> • Enable developers and API teams with a turnkey self-service platform. 	<input type="checkbox"/> CSCW and GDSS <ul style="list-style-type: none"> • Collaborative systems • Teamwork • Group decision support <input type="checkbox"/> Intelligent manufacturing systems <ul style="list-style-type: none"> • Industry 4.0 • Enterprise logistic - tracking and tracing • Collaborative virtual environment – AR/VR <input type="checkbox"/> Human-Machine Interaction <ul style="list-style-type: none"> • UX/Interface/Display Design • Humans, computers and work

Manage Innovation



Experiment Samples



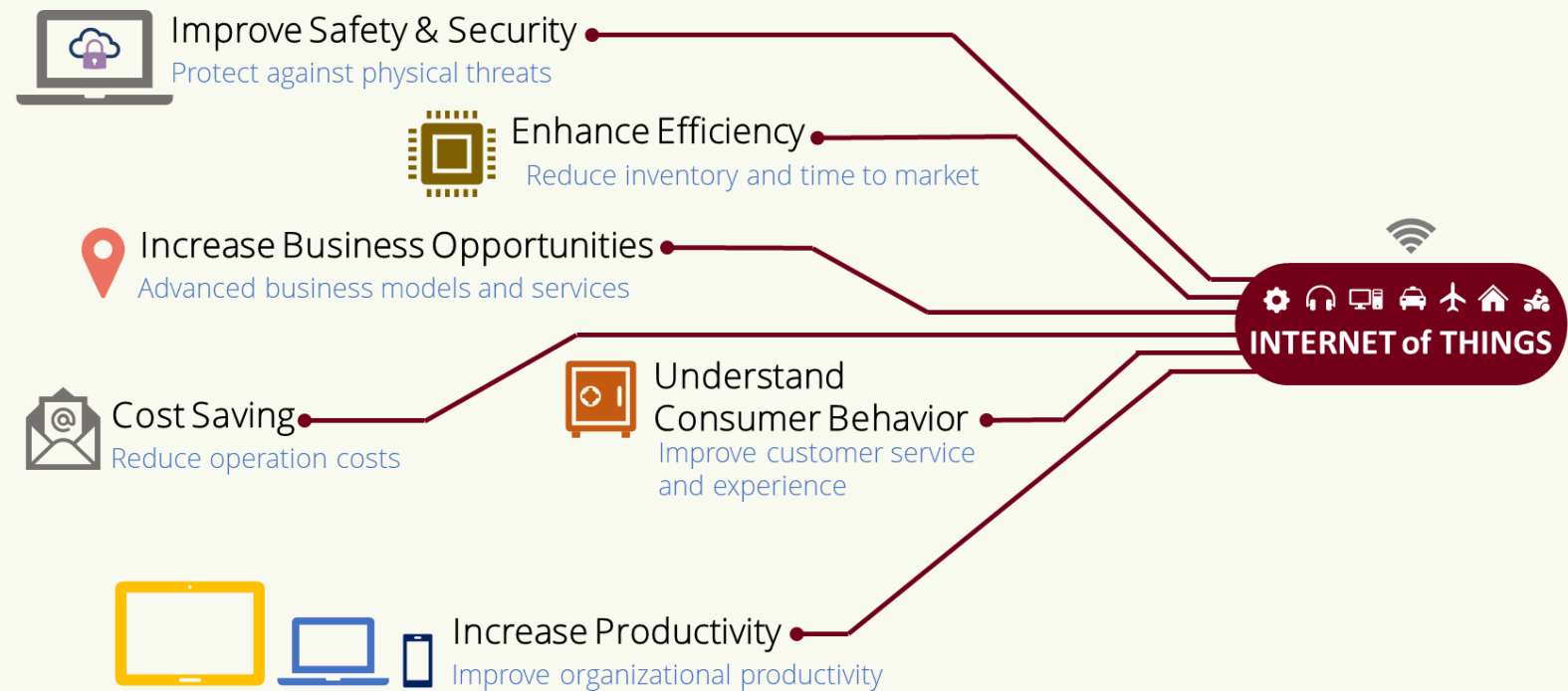
With our research know-how we are ready to make **significant contributions** to the **systematic development** of innovative **product ideas**.

The result – collaborative **partnerships** to deliver **rapid innovation**.

IoT – How You Can Benefit

Businesses leverage IoT technology to collect valuable data, stay ahead of the competition and drive innovation.

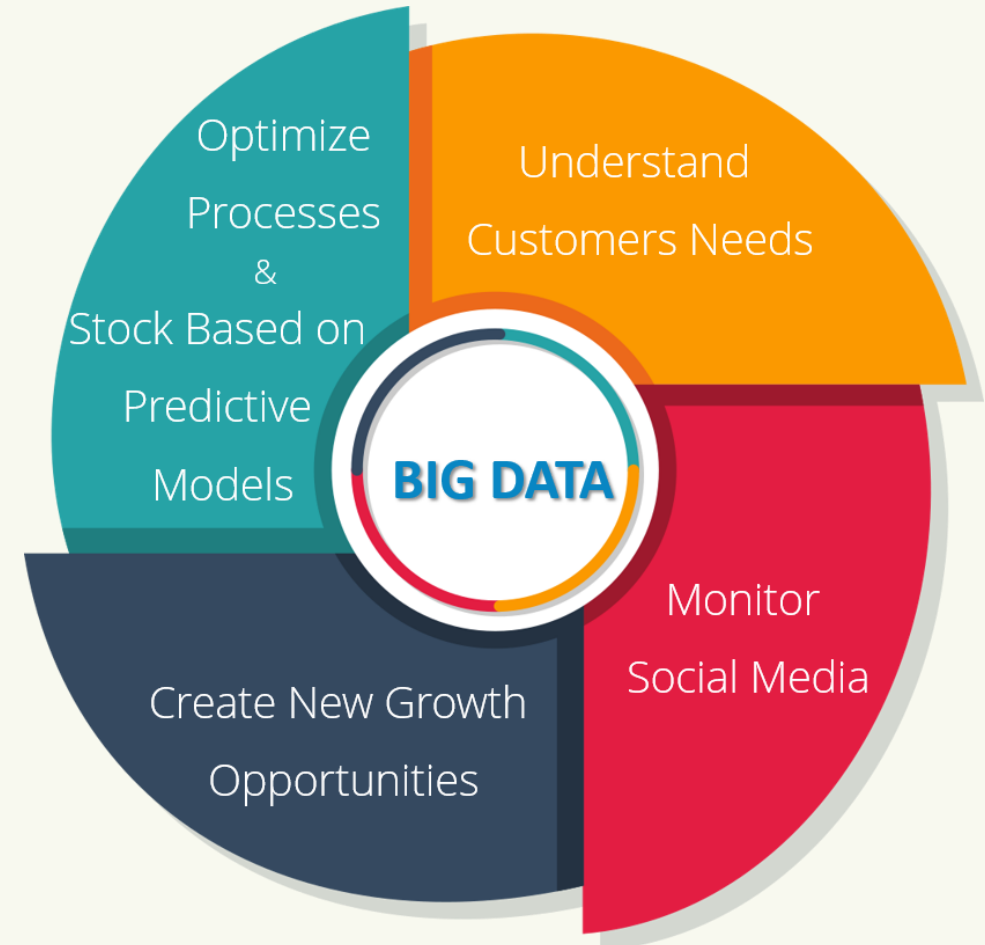
- Reduce operation cost
- Enhanced asset utilization
- Improve safety and security
- Increase productivity and enhance efficiency
- Understand consumer behavior
- Improve customer service and experience



BIG DATA – How You Can Benefit

Big Data refers to a large set of raw data that is collected, stored and analyzed through various means helping organizations increase their efficiency and make better decisions.

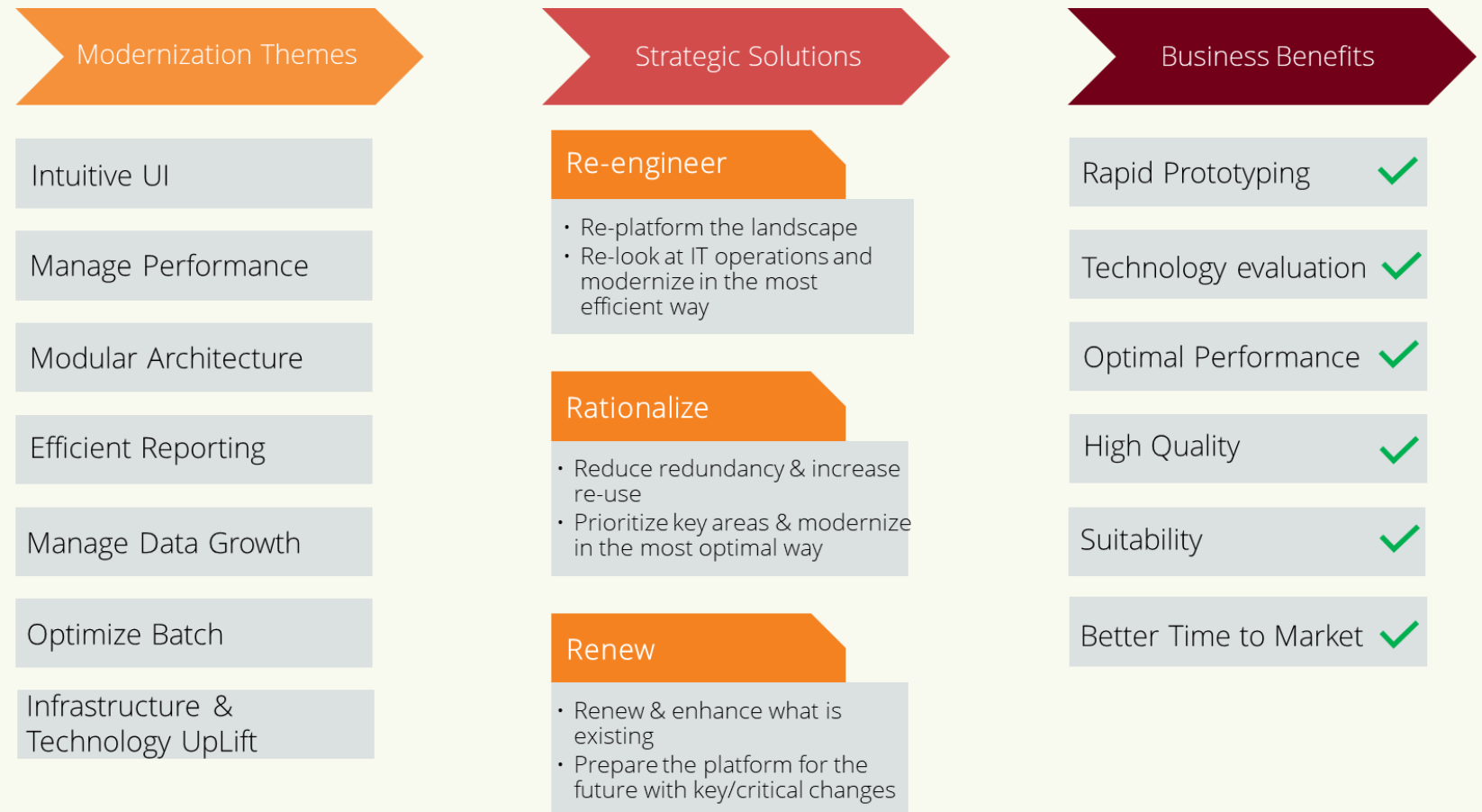
- Create new growth opportunities
- Optimize processes
- Optimize stock based on predictive models
- Understand customers
- Monitor social media



System Modernization – How To Protect Your Legacy Investment

We will revive your system based on our **Competences** and **Technology Evaluation** services.

- Technology evaluation
- Rapid prototyping
- Quality
- Suitability



ROPARDO Innovation Lab

Partners in Excellence

We work with these leading brands to deliver value to members and society

Research

Industrial

Societal




ROPARDO Innovation Lab



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