BROCHURE

EPAM's IoT Expertise

NOVEMBER 2019

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EPAM's IoT Expertise

As the Internet of Things (IoT) and Industrial Internet of Things (IIoT) market continues to mature, businesses are transitioning away from simply building prototypes to implementing holistic, enterprise-scale connected solutions. Instead of emphasizing IoT's impact on internal efficiency, decision-makers are looking for IoT/IIoT solutions to yield higher performance, reduce business risks, enable new digital services and business models, and enhance customer experience to ultimately drive more revenue.

With expertise in both digital platform engineering services and integrated physical and digital design, EPAM is a unique, end-to-end partner that can help you bring your IoT solution from business concept to prototype to finished product, enabling you to become an adaptive enterprise and achieve your desired business outcomes.

Addressing Your IoT Challenges

BUSINESS FACTORS	REVENUE	COMPLEXITY & RISKS	SKILLS
CHALLENGES	GENERATING NEW REVENUE STREAMS WITH IOT SERVICES AND OPTIMIZING EXISTING PROCESSES TO REDUCE COSTS	BUILDING COMPLEX AND SECURE IOT SOLUTIONS ON TOP OF EXISTING TECHNOLOGY INFRASTRUCTURE	IMPLEMENTING ADVANCED TECHNOLOGIES USING AN AGILE APPROACH REQUIRES NEW SKILLS
CAPABILITIES NEEDED	SERVICE DESIGN, RAPID PROTOTYPING	CONNECTIVITY, ENTERPRISE ARCHITECTURE, BIG DATA, ENGINEERING & DEVOPS EXPERTISE	AGILE DELIVERY OF COMPLEX ENTERPRISE SOLUTIONS

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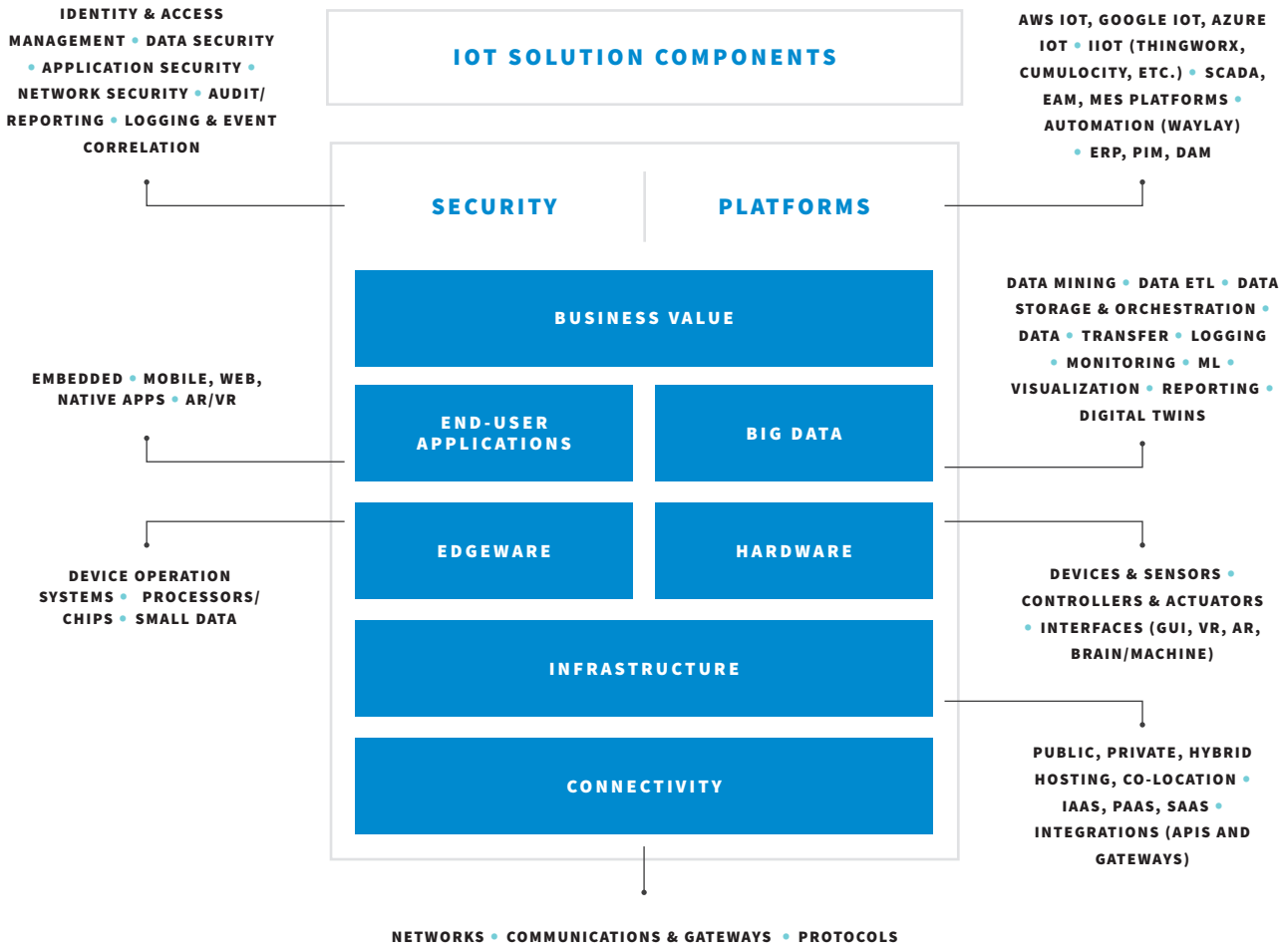
TRUSTED ADVISER WITH INNOVATION CAPABILITY AND OUTCOME-BASED PRACTICES	DIGITAL PARTNER AND EXPERT IN IOT SOLUTIONS, PRODUCTS AND PLATFORMS	DESIGNER, DEVELOPER AND ORCHESTRATOR OF COMPLEX, INTEGRATED IOT SOLUTIONS

TECHNOLOGY ADVANCEMENT

EMBEDDED TECHNOLOGIES	EDGE COMPUTING & HARDWARE	CLOUD	BIG DATA & ML	DIGITAL TWINS	AR/VR & 3D MODELLING

One End-to-End Partner to Ensure a Successful IoT/IIoT Solution

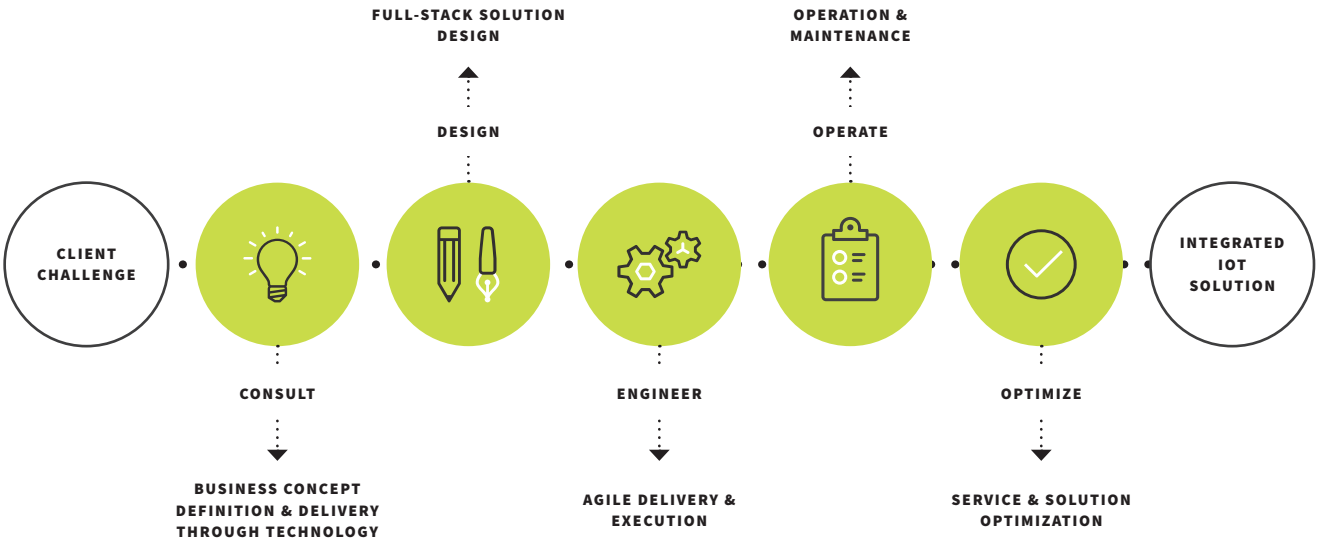
From identifying business cases and designing smart, connected devices and sensors to engineering complex data platforms and optimizing enterprise device management platforms, our end-to-end IoT expertise enables our customers to increase customer engagement and improve business efficiency.



To ensure successful business value delivery, a true technology partner should have access to all touchpoints of an IoT solution across the technology ecosystem. With over 35,000 experts around the globe, EPAM works closely with our customers to think holistically about all aspects of your IoT/IIoT solution, including business case and requirements definition, product management, service and user experience design, engineering, data science, analytics, DevOps, quality assurance and maintenance. Our objective is to provide all required capabilities needed to deliver an end-to-end solution to enable you to become competitive, adaptive enterprises.

Our Holistic IoT Service Offerings

IOT SOLUTION END-TO-END DELIVERY APPROACH



CONSULT	DESIGN	ENGINEER	OPERATE	OPTIMIZE
• IOT STRATEGY ASSESSMENT • BUSINESS PROCESS CHANGE MANAGEMENT • INNOVATION AS A SERVICE • BIG DATA CONSULTING	• SERVICE DESIGN • IOT SERVICE PROTOTYPING & PROOF OF CONCEPT • IOT SOLUTION & NETWORK ARCHITECTURE DESIGN • PRODUCT MANAGEMENT & BUSINESS ANALYSIS	• PRODUCT-FOCUSED IOT APPLICATION DEVELOPMENT • SYSTEMS ENGINEERING & INFRASTRUCTURE • AGILE DELIVERY ORGANIZATION	• IOT ANALYTICS • BIG DATA SERVICES • IOT DATA MANAGEMENT	• IOT SOLUTION TESTING • TRANSFORMATION SERVICES TO IMPROVE OPERATIONAL EFFICIENCY • INTELLIGENT AUTOMATION IMPLEMENTATION

Why EPAM?

1993

ESTABLISHED

1,000+

SUCCESSFULLY DELIVERED PROJECTS

35,000+

EPAM DESIGNERS & ENGINEERS GLOBALLY

TECHNOLOGY COMPETENCIES

- DEVICE UI, HTML/MOBILE, AR/VR
- CLOUD
- BIG DATA/ANALYTICS
- IDENTITY & SECURITY
- ENTERPRISE & EXTERNAL SYSTEM INTEGRATION
- VIDEO & IMAGE PROCESSING, 3D MODELING
- EMBEDDED
- INDUSTRIAL, MECHANICAL & ELECTRICAL DESIGN

CONTACT US

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