



# Inspired by technology. Driven by value.

04 **Software  
Engineering**

05 **Data  
Science**

06 **Digital  
Production**

07 **Mobility**

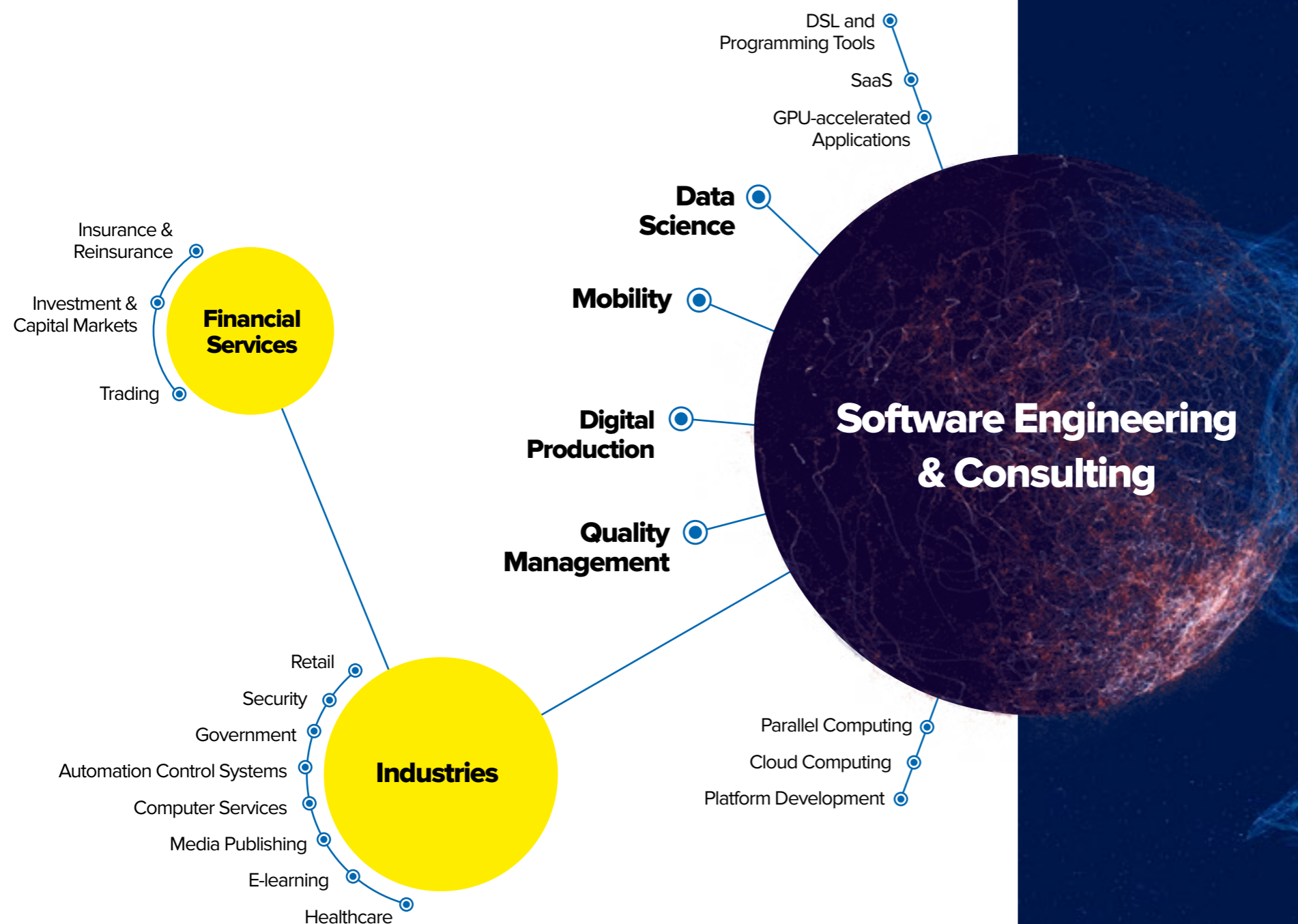
08 **Quality  
Management**

**ELEKS provides reliable software solutions to help industry leaders and technology challengers turn creative ideas into tangible business value, fueling unparalleled growth and innovation in their business.**



# Our Expertise

With an intelligent mix of software engineering expertise, industry domain knowledge and strong scientific and mathematical proficiency, we go beyond traditional problem solving to create market advantages for our customers worldwide.



## ELEKS Meaningful Difference and Value

- ▶ **Exceptionally Talented Staff**  
World-class professionals at the heart of industry trends
- ▶ **Engineering Excellence**  
Strong math, physics and electronics principles leveraged in each project
- ▶ **Seamless Collaboration**  
Highly flexible and responsive staff with sense of ownership and commitment
- ▶ **Solution-driven Approach**  
Focused on elegant, effective solutions that drive business growth
- ▶ **Pro-active R&D**  
Continually mastering new technologies to make our customers more competitive
- ▶ **ELEKS University**  
Corporate educational institution to foster continual technology leadership
- ▶ **Social Responsibility**  
Corporate programs to promote education, community and "green" projects



” Technology helps bring incredible business ideas to life. We are passionate about technology. Using high tech, we create and implement valuable solutions that help our customers win chosen markets and profitably grow their business.

Starting as a product company, ELEKS shifted to being a leader in custom product engineering and technology consulting. We leverage our product development expertise and industry insights to create market successes, treating our customers' projects as our own.

**Oleksiy Skrypnyk**

CEO AND CO-FOUNDER, ELEKS

# Software Engineering & Consulting

UNIQUE TECHNOLOGY SOLUTIONS FOR YOUR BUSINESS GROWTH

Built upon a foundation of industry and technology knowledge, we deliver efficient, quality solutions for modern businesses. All of our customer projects are delivered in a proven software development lifecycle to include analysis, development, implementation and maintenance of software solutions. From real-time automation control systems and risk management software to wearable technology applications and Big Data analytic platforms, ELEKS is a comprehensive partner for robust software development projects of any size, scale and complexity.

CERTIFIED EXPERTISE



## ELEKS Software Engineering & Consulting Advantages

- ▶ **Our unique Engineering Culture** is forged by more than two decades of delivering highly valuable custom software solutions to our customers worldwide.
- ▶ **With a strong R&D heritage, we** leverage reliable, cutting-edge technologies to meet enterprise challenges and address innovative business opportunities, creating new levels of efficiency and effectiveness otherwise unobtainable.
- ▶ **Our highly effective solutions approach** to software development is rooted in Business Analysis, System Architecture and UI/UX know-how and expertise. We understand the business use of technology.



### CASE STUDIES

**High-load e-commerce website** for one of the largest Scandinavian online stores. Developed an API for mobile applications, website security, payment systems integration, performance and scalability to survive during peak usage.

**High-speed MRI image reconstruction software** to help a medical device company reduce patient assessment time using a library of functions to perform fast and efficient MRI reconstruction and SVD processing, resulting in increased revenue.

**HPC CUDA-based financial simulation system** performing simulations to calculate complex financial risks in real-time, delivering information to hedge fund and portfolio managers within minutes instead of days.

**Global credit risk management system** for credit risk managers and equity traders to perform credit risk analysis and improve decision making in their day-to-day activities to make faster, consistent and better informed business decisions.



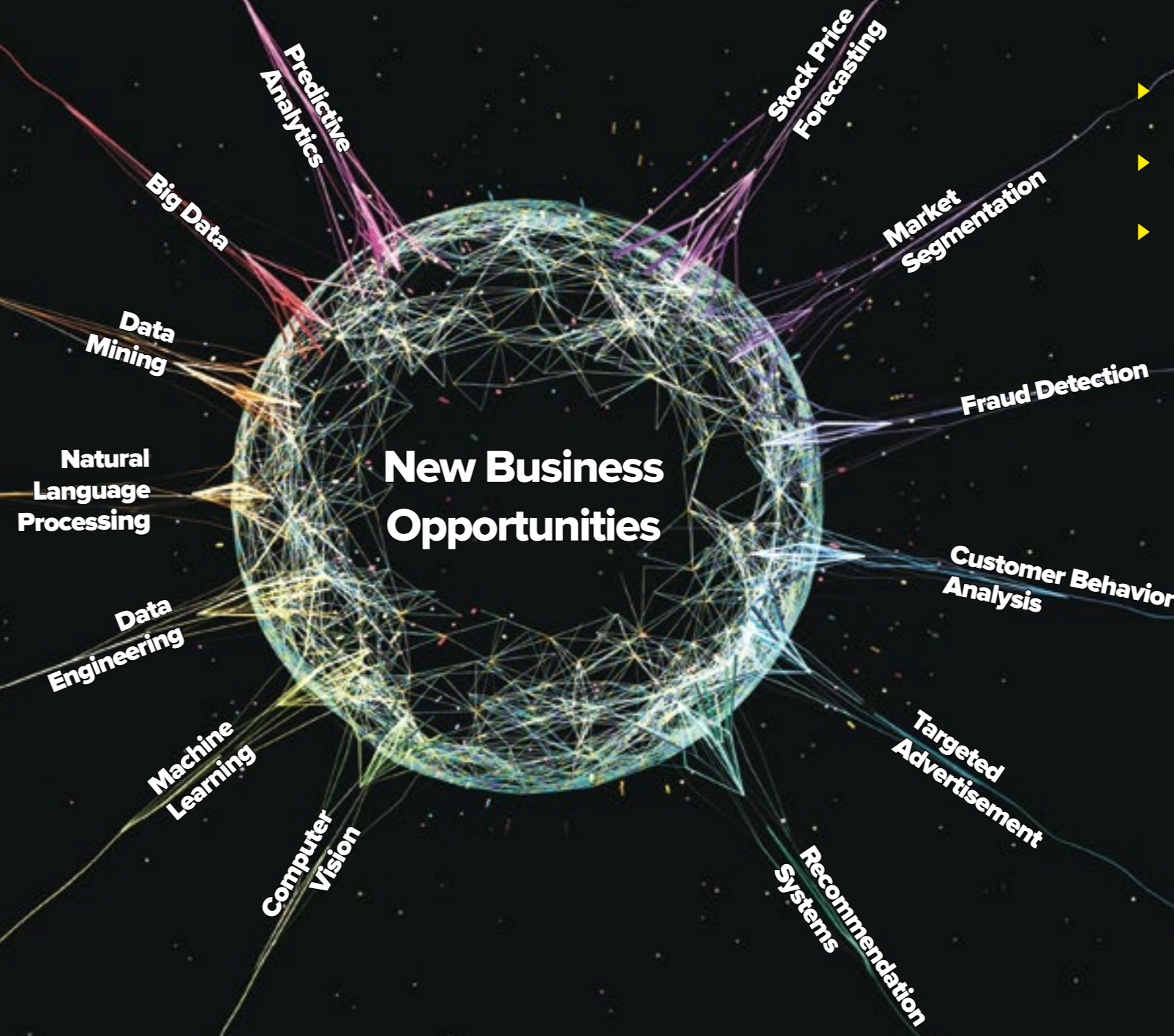
# Data Science

## THE HIDDEN OPPORTUNITIES OF DATA

Fueled by smart devices, cloud computing and SaaS business and consumer applications, most enterprises have access to large volumes of unstructured data that can be leveraged with analytics to create competitive advantages. We empower our customers to shape a personalized Data Science strategy and implement state of art technology solutions to drive effective business decisions — reducing operational costs, increasing customer satisfaction and creating market leadership positions.

## Benefits of Data-driven Organizations

- ▶ Enhanced customer experience, increased loyalty, expanded pricing and sales offers.
- ▶ Improved sales performance as a result of target marketing campaigns to include real-time advertising, user-specific promotions and targeted messaging.
- ▶ Improved process efficiency, cost reduction and risk management.



## ELEKS Data Science Advantage

- ▶ Certified Data Scientists with extensive backgrounds in engineering and mathematics
- ▶ Demonstrated expertise in Real-Time Big Data Analytics
- ▶ Extensive experience in Predictive Analytics solutions
- ▶ Visualization, Business Analysis and Software Engineering successes

### CASE STUDIES

**HPC CUDA computer vision system for image matching** to instantly compare an image to one of millions known to the system, improving manufacturing quality control, robotics navigation and healthcare patient diagnosis.

**Online recommendation engine** for an online store to leverage customer browsing, purchase histories and trends, to promote products and recommend new purchases to shoppers real-time.



# Digital Production

YOUR TAILORED AND ENGAGING DIGITAL SPACE

Balancing business and end-user needs with creativity and technology innovations, we can translate your brand's message into an elegant user interface with stunning visual design and functionality. Simple and intuitive technology solutions can heighten your brand awareness and create a digital experience your customers value and share with others.

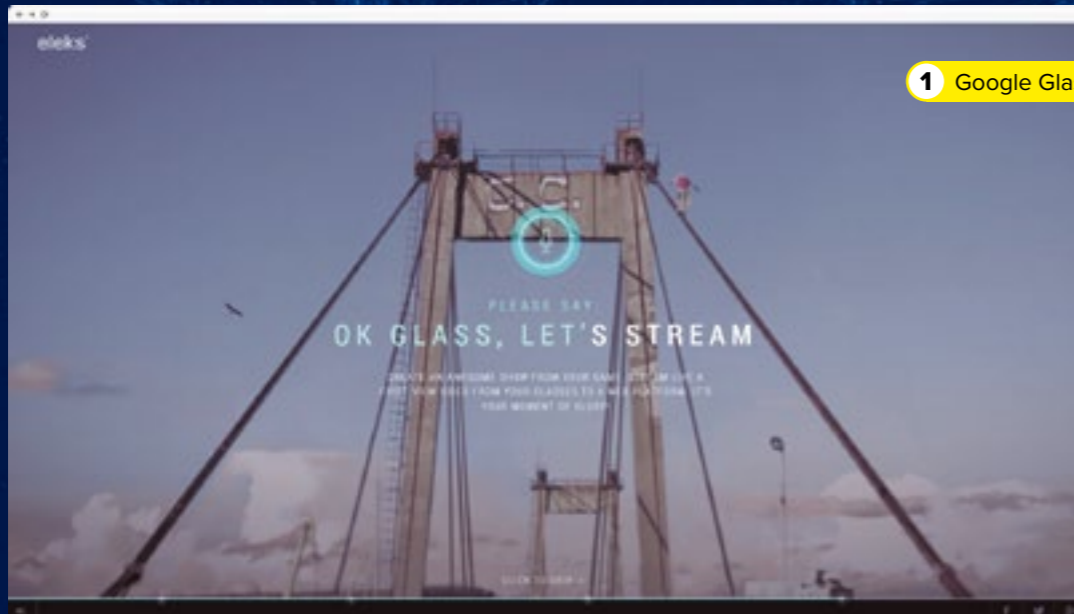
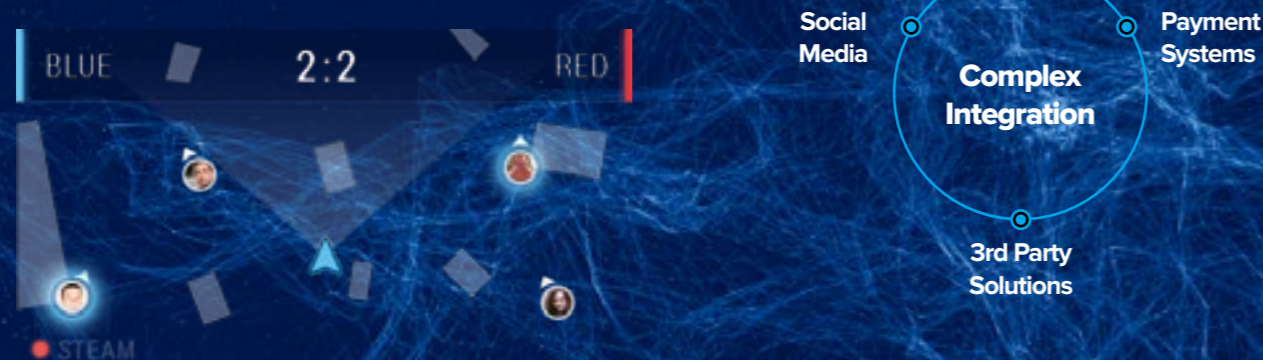


## Digital Advantage

- ▶ 15 years market experience
- ▶ 15+ highly skilled UI/UX specialists
- ▶ Highly innovative Frontend Development Team
- ▶ Strong Business Analysis expertise of digital projects
- ▶ Full-cycle digital product development
- ▶ Ability to use technology assets for business needs (Big Data, Cloud, Predictive Analytics, HPC, etc.)
- ▶ Award-winning solutions recognized for their blend of creativity, technology and functional use

## Services

- ▶ Web platforms & services
- ▶ Full-cycle content digitalization and delivery
- ▶ UX Consulting, Technology Consulting and Product Consulting
- ▶ Full-cycle complex cross platform solutions
- ▶ Mobile applications
- ▶ Digital Mobile strategy and its implementation



1 Google Glass Experiment



2 X-Factor

### CASE STUDIES

- 1 **Award-winning Google Glass experiment** to demonstrate the potential of Google Glass in digital gaming and adventure sports. Players to simply connect Google Glass to their mobile device, select game mode and invite friends to join in competition.
- 2 **Cross-platform X-factor online web portal** for the well-known worldwide X-factor brand. The portal supports an average of 10,321 daily visitors with user accounts, performance scoring, social media integration, advertising and merchandizing.

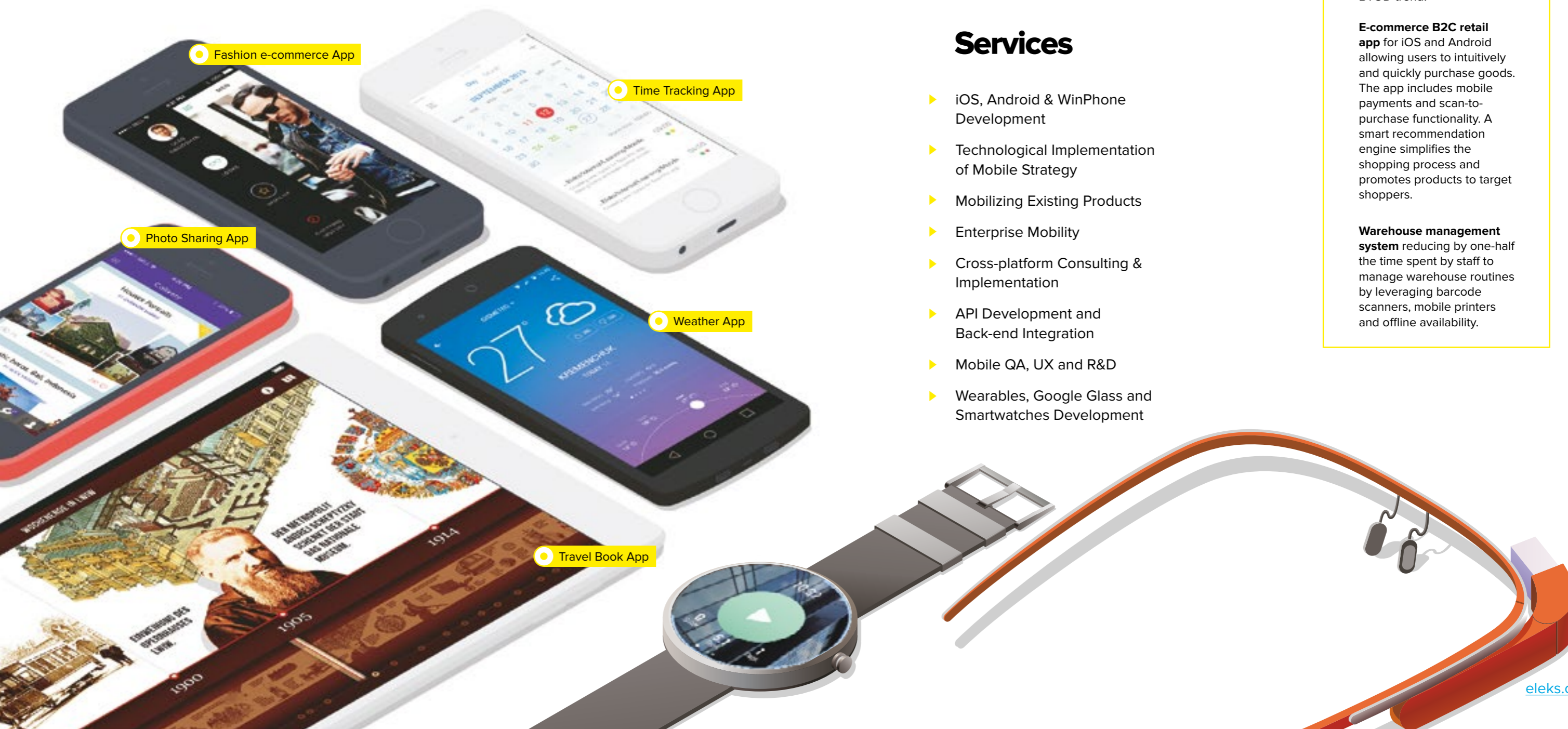


# Mobility

BUSINESS WHERE YOU WORK,  
LIVE AND PLAY

With 10+ years of mobility experience, we don't just develop mobile apps, we make mobile products. We think of the problem the app intends to solve and create a mobile solution meeting that need — by analyzing mobility context, creating a mobile-tailored user experience, verifying cross-platform feasibility, developing an API strategy, assuring quality in all user environments and applying our latest R&D findings.

We make mobile products. And make products go mobile.



## ELEKS Mobility Benefits

- ▶ 10+ years mobility market experience
- ▶ Deep native & broad cross-platform expertise
- ▶ Strong back-end and service layer competence
- ▶ Award-winning UX team
- ▶ Specialized in mobile product development
- ▶ Taking mobility to the next level with Wearables

## Services

- ▶ iOS, Android & WinPhone Development
- ▶ Technological Implementation of Mobile Strategy
- ▶ Mobilizing Existing Products
- ▶ Enterprise Mobility
- ▶ Cross-platform Consulting & Implementation
- ▶ API Development and Back-end Integration
- ▶ Mobile QA, UX and R&D
- ▶ Wearables, Google Glass and Smartwatches Development

### CASE STUDIES

**Digitized book with a modern design and classical style**, delivered as a native iOS application, to showcase the history, beauty and spirit of Lviv, Ukraine, providing readers a personalized and flexible reading experience beyond traditional electronic publishing.

**Time capturing and reporting solution for law firms** to accurately and securely report their activities on personal iOS, Android, and BlackBerry smart devices, responding to the BYOD trend.

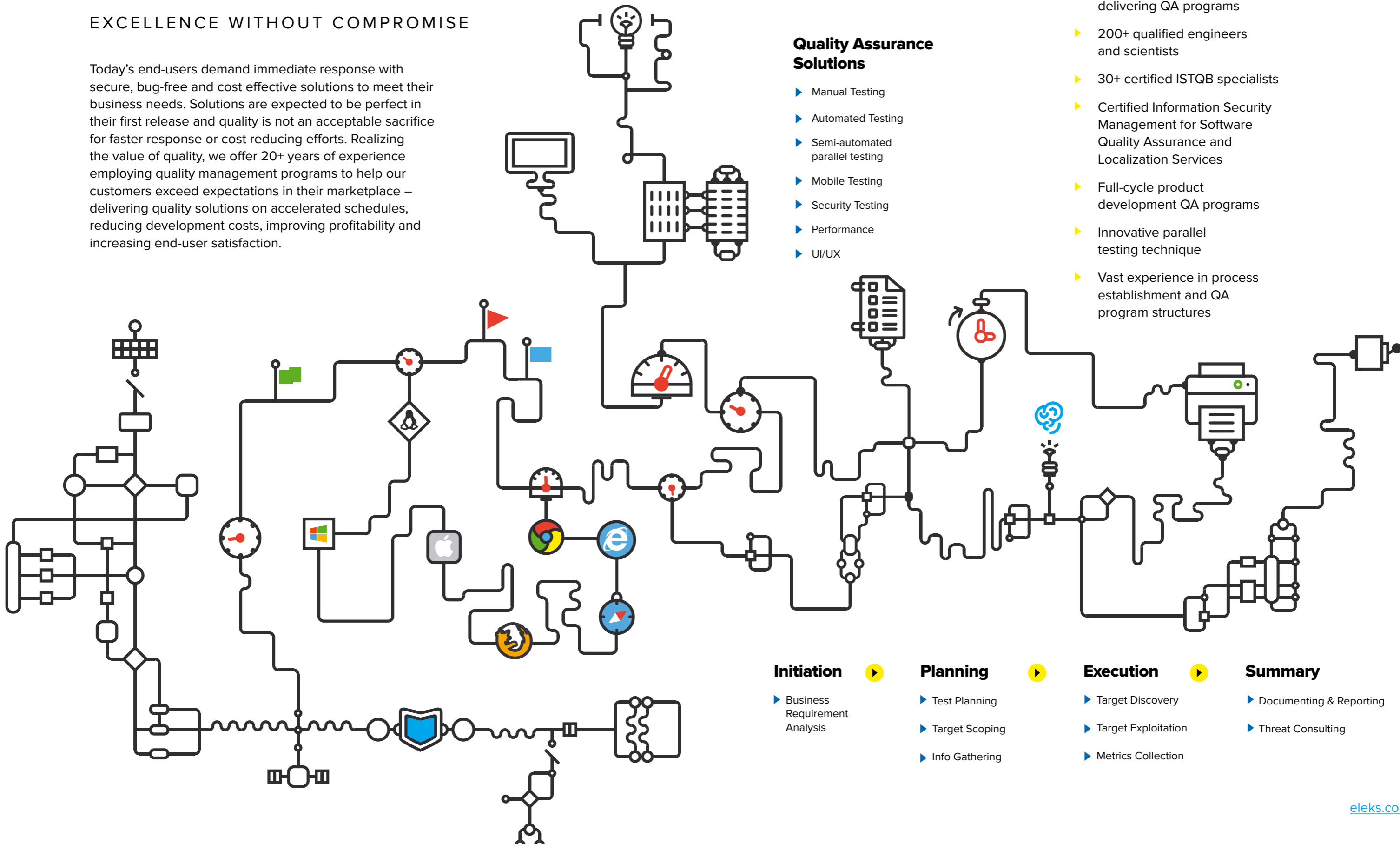
**E-commerce B2C retail app** for iOS and Android allowing users to intuitively and quickly purchase goods. The app includes mobile payments and scan-to-purchase functionality. A smart recommendation engine simplifies the shopping process and promotes products to target shoppers.

**Warehouse management system** reducing by one-half the time spent by staff to manage warehouse routines by leveraging barcode scanners, mobile printers and offline availability.

# Quality Management

## EXCELLENCE WITHOUT COMPROMISE

Today's end-users demand immediate response with secure, bug-free and cost effective solutions to meet their business needs. Solutions are expected to be perfect in their first release and quality is not an acceptable sacrifice for faster response or cost reducing efforts. Realizing the value of quality, we offer 20+ years of experience employing quality management programs to help our customers exceed expectations in their marketplace – delivering quality solutions on accelerated schedules, reducing development costs, improving profitability and increasing end-user satisfaction.



### Quality Assurance Audit

- ▶ Independent audit by a QA expert
- ▶ Recommendations to improve processes within your quality programs
- ▶ Comprehensive quality program review

### Quality Assurance Solutions

- ▶ Manual Testing
- ▶ Automated Testing
- ▶ Semi-automated parallel testing
- ▶ Mobile Testing
- ▶ Security Testing
- ▶ Performance
- ▶ UI/UX

## ELEKS Quality Management Advantage

- ▶ 20+ years of experience delivering QA programs
- ▶ 200+ qualified engineers and scientists
- ▶ 30+ certified ISTQB specialists
- ▶ Certified Information Security Management for Software Quality Assurance and Localization Services
- ▶ Full-cycle product development QA programs
- ▶ Innovative parallel testing technique
- ▶ Vast experience in process establishment and QA program structures

### Initiation

- ▶ Business Requirement Analysis

### Planning

- ▶ Test Planning
- ▶ Target Scoping
- ▶ Info Gathering

### Execution

- ▶ Target Discovery
- ▶ Target Exploitation
- ▶ Metrics Collection

### Summary

- ▶ Documenting & Reporting
- ▶ Threat Consulting



# Customer Testimonials

” It is a true pleasure to work with ELEKS. We have been working with the ELEKS` team for many years, and they have made a number of significant contributions to our development process. We look forward to expanding the scope of the relationship to encompass more projects. ELEKS has successfully resolved many of the hurdles related to offshore development and has provided Eagle with an exceptional level of design, development and support services.

They understand Eagle's objectives and work with shared passion towards common goals. Once a recommended design is agreed upon, ELEKS has excelled in executing the design with very capable engineers. ELEKS has certainly been an important contributor to Eagle's mature and professional development process. We wish ELEKS the best in their future efforts.

**Marc J. Firenze**

CHIEF TECHNOLOGY OFFICER, EAGLE INVESTMENT SYSTEMS

” I have been impressed by their willingness to listen to our requirements and translate them into practical realities.

**Ian Le Breton**

CUSTOMS AND EXCISE DEPARTMENT  
OF STATES OF JERSEY

” I am happy to recommend ELEKS as our trusted aide in Web site development and maintenance for the last three years. We have outsourced various functions including Web design, programming, and content management, and we are very satisfied with client care and the terms of our collaboration.

**Sergey Novikov**

BUSINESS DEVELOPMENT MANAGER,  
MAGISTERS

” KPM Consulting has two ongoing projects with ELEKS. Not only did they assist us in refining the software requirements we had for our document system, they completed their work on time and on budget. Of equal importance, ELEKS follows through on their word by assisting us on matters pertaining to system support to make sure we fully understand the entire system and that the system is working as envisioned.

ELEKS has also proven to be a very responsive, accurate, and proactive in executing tasks that had been assigned. Most important, we have a dedicated person listening to us and we feel that our needs are being catered to. All in all, we feel that ELEKS is an extension of our own company and provided software resources and talent we didn't have. We're very happy with the partnership that has been created.

**Alexandr Botezatu**

KPM CONSULTING



# About ELEKS

ELEKS is a global organization providing software engineering, consulting and quality management services. We deliver innovative and reliable solutions for our customers' unparalleled business growth to include Data Science, Mobility, Digital Production and Financial solutions. Since 1991, our software solutions have significantly contributed to the success of our customers, including Fortune 500 companies, and are recognized as a valuable part of international best practices.

ELEKS is a strategic partner with the proven ability to address our customers' most pressing needs. Our delivery organization, consisting of approximately 1,000 professionals in Eastern Europe, is strengthened by a local presence in the U.S., Europe and the UK.

For more information, please visit: [eleks.com](http://eleks.com).

Contact us at: [eleksinfo@eleks.com](mailto:eleksinfo@eleks.com)

## TECHNOLOGY PARTNERS



## FEATURED CUSTOMERS



### Global Headquarters

7 Naukova St., Building G  
Lviv 79060, Ukraine  
phone: +380 32 297 1251  
fax: +380 32 244 7002

### US Office

141 Parkway Road  
Suite 7  
Bronxville, NY, USA, 10708  
phone: +1 914 525 9908

### UK Office

5 Harbour Exchange  
South Quay  
London, E14 9GE  
phone: +44 203 318 1274

**5** DELIVERY OFFICES

**800+** SUCCESSFULLY DELIVERED PROJECTS

**10**

**1000+** PROFESSIONALS

**93%** OF CUSTOMERS ready to recommend ELEKS to others and repurchase

**1991** THE YEAR ELEKS WAS ESTABLISHED IN LVIV, UKRAINE

**10** YEARS of experience delivering solutions to

**3** REPRESENTATIVE OFFICES

**500** FORTUNE

New York, USA  
London, UK  
Lviv, Ukraine

[eleks.com](http://eleks.com)