

U SENSE - A Team of Experts for Human Factors Engineering & User Interface Design

U-Sense deals with the specification and design of UI (user interfaces), user experience, human factors engineering research and with workplace environment ergonomics.

Our team of experts integrates academic-research background in human engineering, cognitive psychology and ergonomics, with vast experience in planning and designing interfaces and workplace environments for a variety of areas and applications.

Each project reflects our extensive experience which has been accumulated through working with various clients, including hi-tech companies, security industries, medical institutions, industrial plants, governmental bodies, start-up companies and entrepreneurs.

"User-Centered Design" – The Way to Create Better Systems

"User-centered design" is an approach that provides a solution to the fact that the success of every system is measured by its ability to implement the goals for which it was designed. Understanding the needs and abilities of users leads to a better definition of the system's goals and functionality, and consequently to building a better interface that will fit the user and the task on hand.

Investing in user-centered design entails many advantages: improvement of end products, enhancement of the development process and increased sales.

Our expertise in conducting user-centered design processes is the reason that the systems we design are more efficient, friendly, easy to operate and as a result – more profitable.

For the creation of an optimal user-centered process, we focus on the integration of our clients' extensive knowledge and experience in the area of their business with our know-how and understanding of the users, their mode of action and their abilities and limitations.

In order to provide our clients high standard design services we make a point of consistently investing in two areas: developing an updated body of knowledge that would be at our disposal for any type of project, and developing an organized design process incorporating control processes to secure product quality.

Planning and Designing User Interfaces

A correct planning of user interface is highly significant. Many companies across the world allocate considerable resources to the planning of user interface realizing that this is vital for the success of their products.

Our experts have vast experience in planning user interfaces for a range of applications, such as windows systems, complex internet websites, control room displays, medical equipment, Mobile Ipad Iphone applications, etc.

In order to allow custom-made design for each project that will be suitable for its specific characteristics, we offer a variety of user interface services:

- ✓ Analysis and specification of users' needs
- ✓ Formulating system interface concept
- ✓ Detailed planning of system interface
- ✓ Support of the development teams throughout the product development stages
- ✓ Conducting "smart" functionality tests to examine interface quality
- ✓ Performing expert evaluations for systems and workplace environments
- ✓ Planning and executing human engineering research and assisting companies and entrepreneurs with research development and management
- ✓ Preparing prototypes and simulation environments for interfaces
- ✓ Performing trainings, seminars and workshops on human engineering and interface design

Human Factors Engineering in Workplace Environments, Process Improvement & Ergonomics

User-centered design of workplace environments increases employees' productivity, improves work processes, reduces workplace environment related risks and saves resources for the organization.

Our experts have considerable experience in the evaluation and improvement of workplace environments in hospitals, control rooms and industrial plants. We offer our clients the following services:

- ✓ Design and improvement of workplace environments
- ✓ Reviewing ergonomic risks and human engineering problems in the workplace environment
- ✓ Solutions for designing workplace environment, improvement of tools and devices, enhancement of work processes
- ✓ Planning and carrying out research in the areas of human engineering and ergonomics in workplace environments
- ✓ Delivering trainings, seminars and workshops on human factors engineering and ergonomics