



The experience where everything is possible on one platform

Completion of Real OSMU(One Source Multi-use)

With convergence and hyperconnectivity emerging as today's keywords, integration is increasingly taking place between industries, technologies, software and hardware. Virtually everything—including people, things and spaces—is being connected by the network.

We attempted to integrate all of these connections via the Web.

However, we encountered limitations in accepting rapidly developing technologies because service quality and user experience are evolving so rapidly.

It became difficult to guarantee the performance and throughput of systems, functional integrity and reliability only with the Web.

Enterprises demanded the expansion of technologies that could overcome such limitations of the Web while embracing the strengths of the Web. We carefully considered the valuable innovations that could meet this demand when developing Nexacro 17.

Finally, we created a powerful solution that achieves real OSMU and can be applied to all IT environments, including the Web, apps, and multiple screens and platforms.

This is significant step forward from the existing concept of OSMU that merely addresses diverse screen resolutions and various smart devices.

Now both enterprises and users will experience limitless connections.

Nexacro 17 opens up a new future full of fresh experiences.



New paradigm for UI · UX development

nexacro platform 17

The interest in and demand for the operation of IT services are higher than ever.

Good software should be capable of flexible responses to the expansion of businesses in the changing market.

We believe that clients should be able to determine the system environments that best suit their business situations and changing market.

We improved the basic architecture to apply one development tool and source to both the Web and native environment, based on the concept of OSMU.

Totally new nexacro 17

nexacro 17 is the only platform capable of being applied to all IT environments with one development tool and one source.



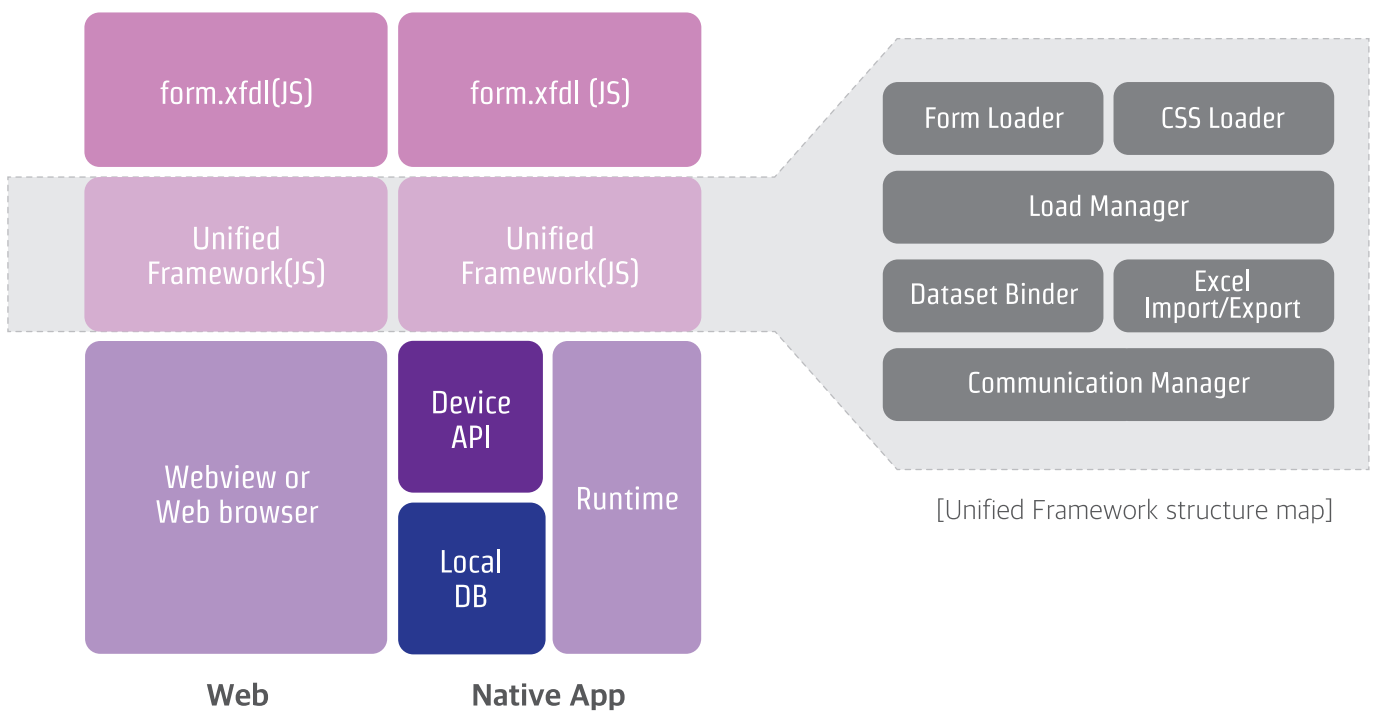
Enhanced platform for the integration of the Web and native systems

Unified Framework for Real OSMU

JavaScript framework is based on JavaScript, one of the most used development languages in the world. The framework is a sophisticated environment equipped with diverse functionality and is fully compliant with industry standards to deliver development productivity, quality and system extensibility.

We developed Nexacro Studio, which produces codes running on 'Unified Framework (Unified.js),' a JavaScript framework that powers both web-based and native systems.

Unified Framework, also developed by Tobesoft, is the best framework optimized for Nexacro and offers the ultimate in features and performance for nearly all run environments.



nexus 17's integrated development tool that empowers developers

nexus studio

Nexus platform offers a powerful integrated development environment.

A WYSIWYG tool Nexus studio provides features for easy development, including Drag & Drop function. Nexus Studio allows you to set up systems in the easiest and fastest manner.

nexus 17's new development tool

While Nexus is a platform for developing the UI·UX for end users, Tobesoft R&D is also engaged in UI·UX for developers. The Nexus studio has been reborn as the finest development tool following extensive usability model analyses and actual user tests. It greatly enhances developer convenience and offers separate environments individually optimized for designers and publishers.



[HTML development method]



[Direct development process]



[4GL development method]



[Parallel development process]

Enhanced support for multi platforms

Users are adopting a diverse range of systems for their individual business needs. Therefore, nexus 17 offers access to nearly all run environments by supporting web browsers and by providing exclusive browsers for Windows and macOS, respectively.

nexus 17 performance is improved, particularly the initial loading speed, thanks to the structure that enables a single unified Form loading in the web environment.

nexus 17 has evolved beyond being an 'enabler' to being a 'satisfier.'



Offering an integrated environment that covers the whole process from development to deployment

Codes developed by nexus studio are used to create Native Apps for Windows, macOS, Android or iOS as well as web apps, with nexus App Builder fulfilling its useful role in the process. App Builder's diverse functionality completes a truly integrated environment-from development to deployment. For example, this one-stop wizard allows you to package apps, manage them, register external device APIs, and deploy apps.



One step ahead of the evolving device environment

nexacro 17 responds and adjusts to rapidly changing environments

One Source Multi Use(OSMU) represents Tobesoft's product philosophy.

All enterprises are struggling to deal with complicated and diverse device environments and to respond to N-screen.

nexacro 17 applies an optimized Multi Layout Manager(MLM) technology that offers the most suitable UI·UX for all screens by using one source.

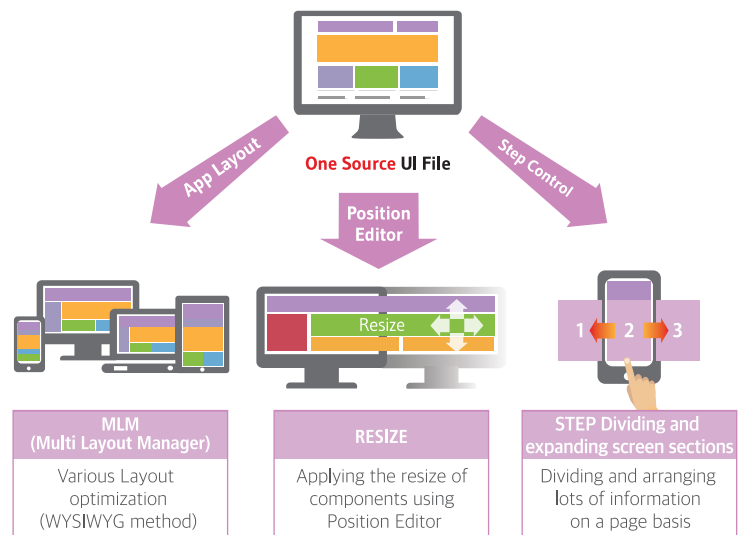
N-Screen The system that can make contents like N-Screen available for use on different devices

Optimized Multi Layout Manager (MLM)

nexacro 17's core technology realizes fundamental values of Tobesoft's philosophy

Screen optimization should go beyond just adjusting layouts to screen sizes and consider users' entire device environment to offer the best interface and user experience for all services and contents.

nexacro 17's improved MLM, together with the Step and Resize functions, create the best user environments for each device with just a single set of source codes.



Optimized Screen Size

Optimizes device-specific screens easily and rapidly

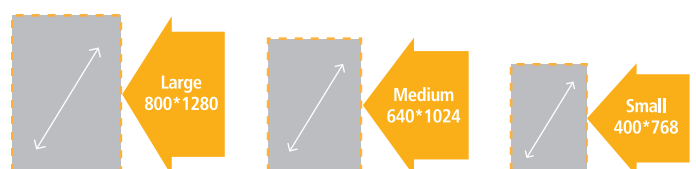
nexacro studio offers ideal screens for every device by adjusting resolutions and frames using a wizard.

nexacro 17 finds and applies optimal screen sizes automatically so users enjoy the utmost experience in this era of ever-changing devices.

In detail, simply select one option—Small, Medium, or Large and nexacro 17 identifies the ideal screen sizes automatically, even when new devices are added.



[designation of resolution through Project Wizard]



High extensibility for rapidly changing business environment

Flexible and adaptable development environment

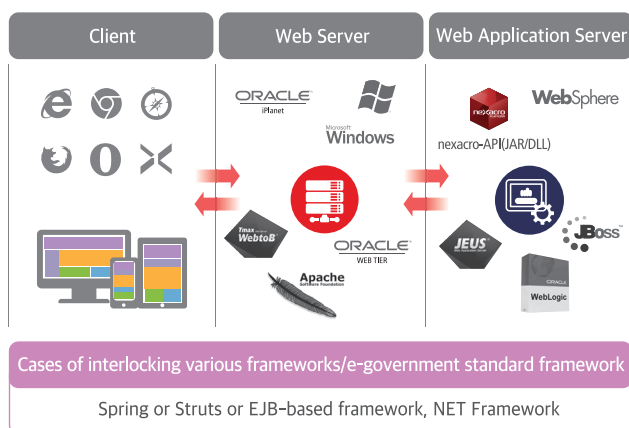
nexus 17 is optimized for enterprises' business strategies since the improved architecture supports most operating environments.

It easily connects to external modules required for system establishment, such as a web server, WAS and server framework.

WAS: Web application server, web application server: Software engine that is used to run applications on computers or devices

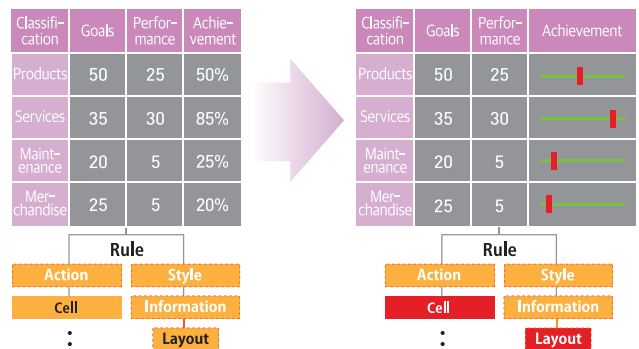
Connected with servers and frameworks

nexus 17 is an independent entity that easily connects with multiple web and application servers.



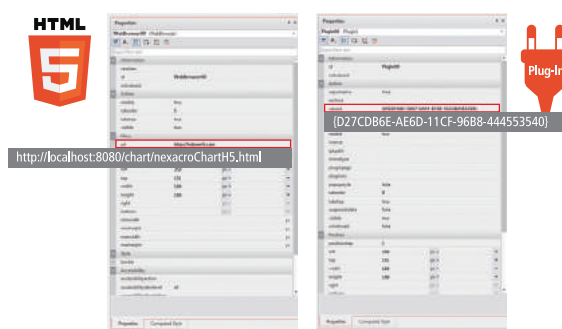
Offering a flexible component structure that ensures a high level of development freedom

Flexible script structure's wizard helps developers create 'user components' that target specific tasks by extending existing components.



Flexibly connected with external modules

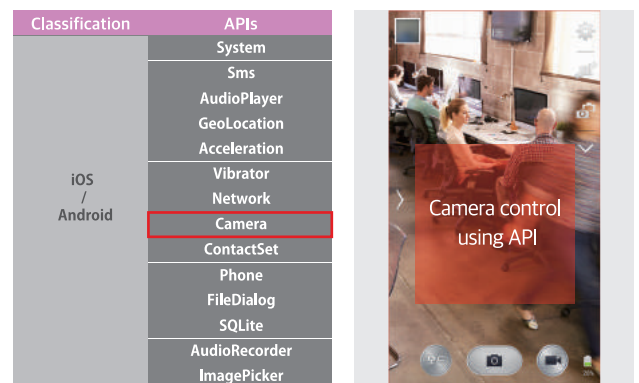
Establish systems with rich, diverse functions flexibly connected with external products(3rd party). Web Browser and Plug-in components facilitate connections.



[Use of Web Browser & Plug-In components]

Providing 20 device APIs

Camera and SMS are among the default APIs and users simply write one same set of codes to develop specific functions for certain device modules.



[Offering of device APIs]

Powerful performance, rich functionality and incomparable development productivity

Rapid and powerful nexacro 17

Maximizing performance through architectural improvement

Architectural restructuring has greatly boosted the performance of nexacro in terms of speedy screen loading, rapid component browsing and fast large-volume data processing.

Maximizing performance through architectural improvement

Efficiently manage objects and data for faster rendering

Improved the structure of creating components

nexacro 17 introduces batch processing for rendering a screen with simultaneous processing of the arrangement of elements and screen layout to minimize reflow and repaint, the primary culprits causing low performance in screen processing. The new platform uses InnerHTML for faster screen loading speed.

Enhanced design processing

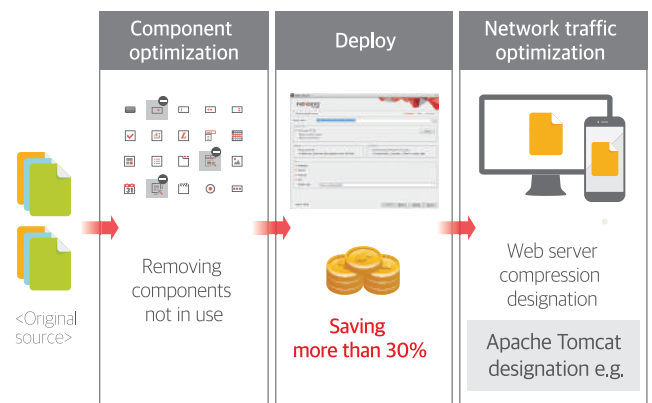
nexacro 17 uses CSS standard to load and style a screen faster and better.

Faster event processing

New processing structure eliminates browser adjustments so events are processed much faster.

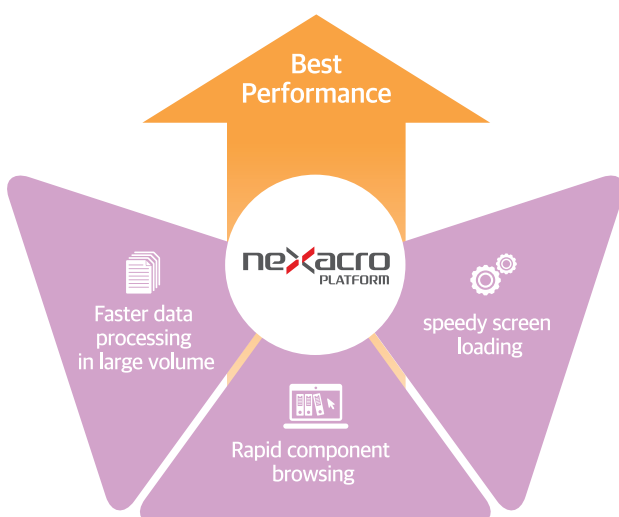
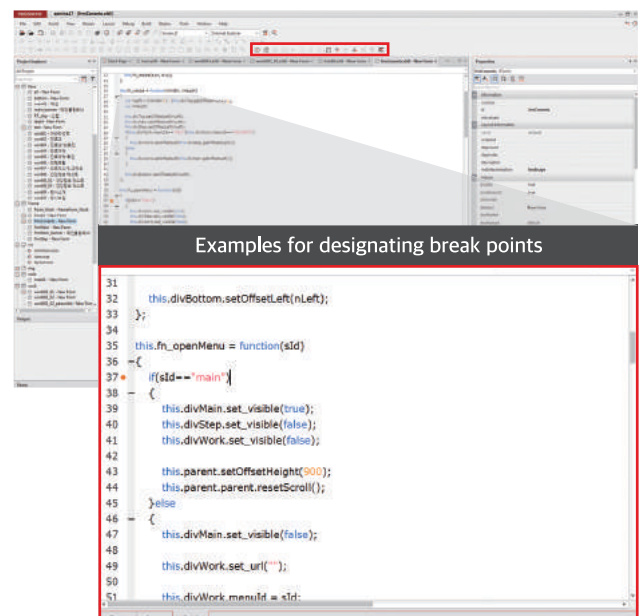
Improved speed through source code optimization

It can minimize communication traffic through component optimization and source deployment (compress, merge, compile).



Powerful debugging function

Ratchet up development productivity with the line debugging function (Watching Variables, Call Stack) for projects and individual forms.



nexacro 17 accommodates the Web's functions as much as it can by improving existing architectures, and offers the fastest speed and the best function in any environment beyond the limit of existing IT technologies by accumulating the know-hows on exclusive browsers.

Various business components

We provide over 40 business components that embody Tobesoft's cumulative know-how, such as button, calendar and grid.

Diverse grid functions

It offers diverse grid functions that are much used for trees, grouping, filters and sortings as default components.

Two-way binding between data sets and components

It minimizes sources and drastically improves development productivity through two-way data binding.

Grid Contents Editor

Easy Grid editing function makes it easy to apply any design and attributes.

Providing screen emulator

It provides a preview function of the resolution of various screens and devices within a development tool and supports an environment where development and tests can be simultaneously conducted.

Providing support for refined design functions

It supports diverse UI expressions, which can be applied to dashboards, management performance monitoring, and current status board of sales performances. In addition, it enhances user accessibility through Widget and Tray Icon.

Enhancing development convenience

It offers functions to enhance development convenience, including Snippet function that registers and calls frequently used Script Syntax (Code Snippet) and Inspector that offer a list of objects, attributes, and methods available for use in the current Scope, based on Script editing locations.



Most efficient response to changing IT environment

nexacro 17's extended solution

The top expert in system conversion

Tobesoft's Conversion Service

UI·UX conversion strategy supplies both system sustainability and modernization!

Conversion projects beset by unexpected problems need developers with tons of troubleshooting ability and experience. Tobesoft's conversion service is led by experienced and knowledgeable professionals with a proven track record of completing over 30 successful conversion projects.

Increasing productivity through specialized functions

Development productivity can be drastically enhanced by the provision of Xconverter, a rules-based code converter. This converter aids development projects by offering basic functions specializing in UI conversion.

Providing a step-by-step professional guide and systematic management of personnel

Tobesoft's conversion service divides responsibilities and roles for each stage of development. For example, some developers work on the preparation of standard environments for UI conversion while others are concentrating on the advancement of UI design. By doing so, we manage personnel systematically and efficiently.

Server framework based on new concept

Nex-up provides solutions for the entire process of establishing a server- -from UIs to services.

Not an expert? Don't worry. With Nex-up, simply use SQL inputs for complete service development. Nex-up creates the best synergy with nexacro. Develop screens and services with Nex-up building a connection with nexacro-based codes.

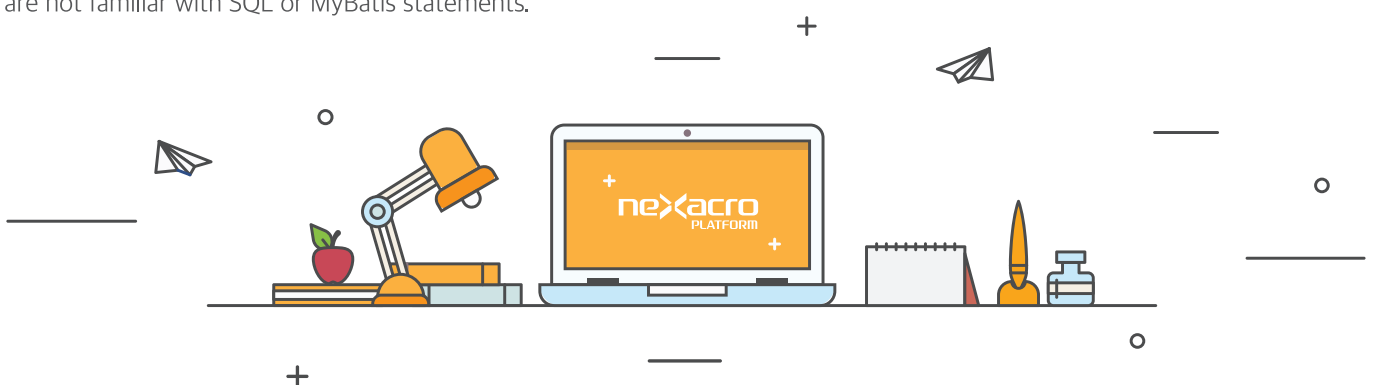
Providing editor using non-coding method

Use Nex-up to develop services by writing queries without mechanical and repetitive source coding.

The Tag Assist function is a lifesaver for developers who are not familiar with SQL or MyBatis statements.

Compatible with other frameworks

Nex-up is highly compatible with Spring-based frameworks like the e-government standard framework.



Perfection in customer satisfaction and product value

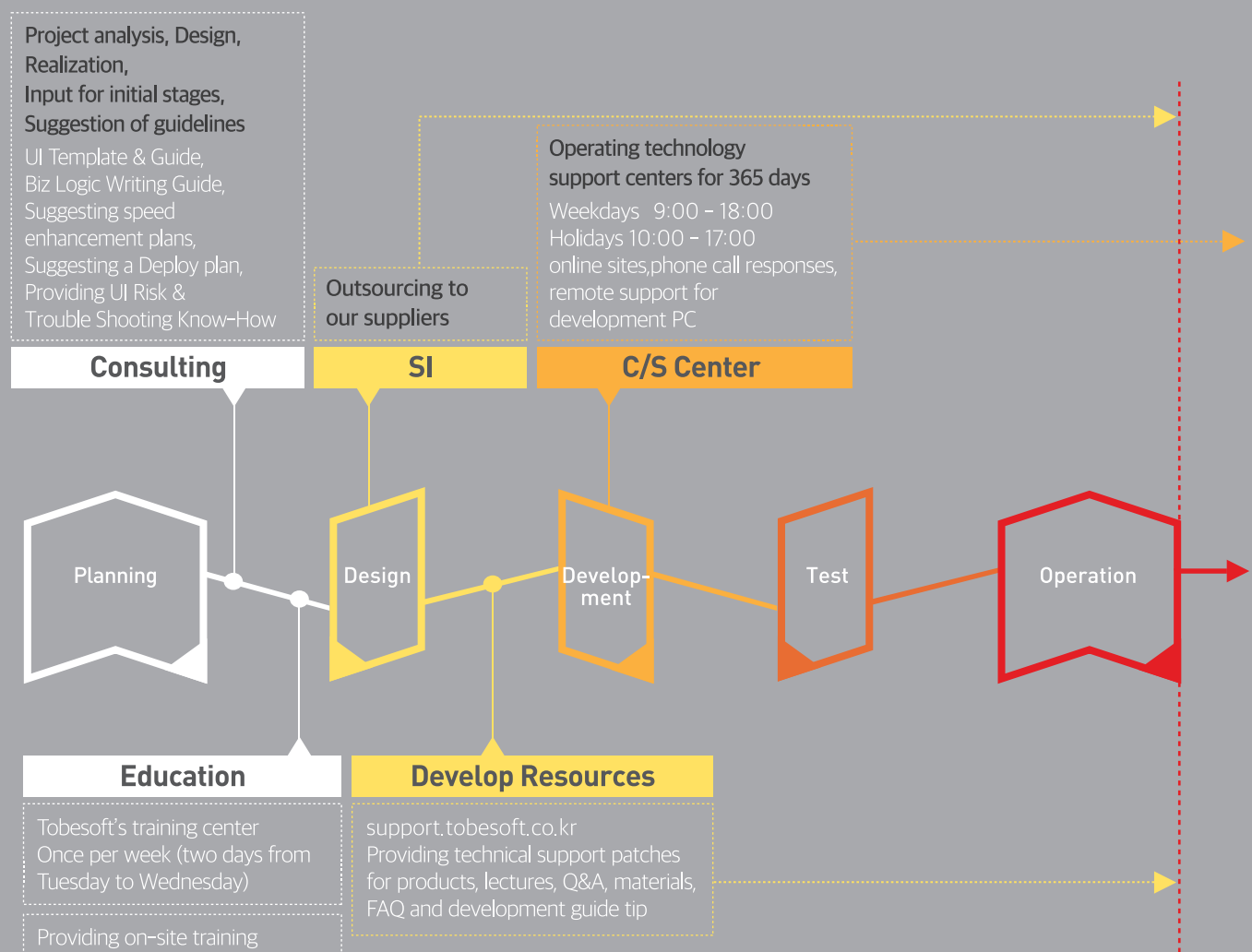
Tobesoft's trustworthy client support

We offer customer services from development through operation using a host of channels and forms.

The best service provided by proficient technicians!

We're dedicated to delivering the most efficient development and operation.

- ✔ Operating customer centers for 365 days
- ✔ Providing high quality technological information that amounts to hundreds of thousands cases, such as F&Q and tips, through technology support sites
- ✔ Providing customer satisfaction services for all processes from system establishment to operation
- ✔ Providing high-quality web manuals and development guides



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