SeaTrust-LS

PROVIDING THE BEST SERVICES, CREATING A BETTER WORLD

SeaTrust-LS

KR ICT Solution Team

(46762) 36, Myeongji Ocean City 9-ro, Gangseo-gu, Busan, Republic of Korea

Tel : +82-70-8799-8585 | Fax : +82-70-8799-8569 | Email : convertech@krs.co.kr
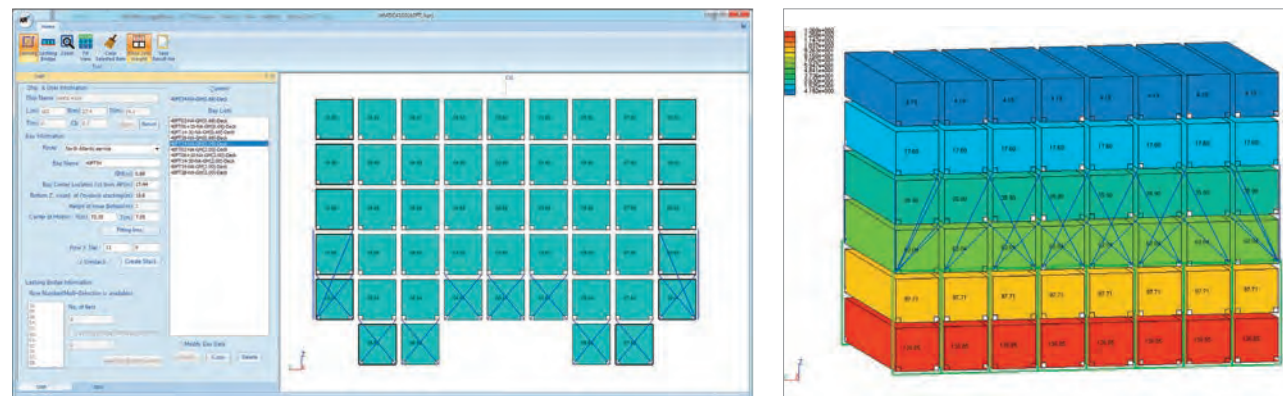
KR Software
SeaTrust-LS

Container Securing Guidance

When loading cargoes into a container carrier, the container's total weight and stack arrangement should comply with the guidelines of the classification society, which specify the allowable loads for securing devices and containers. The classification society developed the guideline while considering the sea environmental conditions of the container shipping route. Furthermore, the Korean Register (KR) has announced the revision of annex 7–2 of the guideline for container securing devices.

SeaTrust-LS

SeaTrust-LS, an evaluation software (SW), was initially developed in 2013 to review the strength of container securing devices. It is updated yearly, as well as reflected and revised. Moreover, it allows intuitive input using the container simplification model for convenience. SeaTrust-LS distributes the developed software to domestic and overseas related companies, which leads to a positive response.
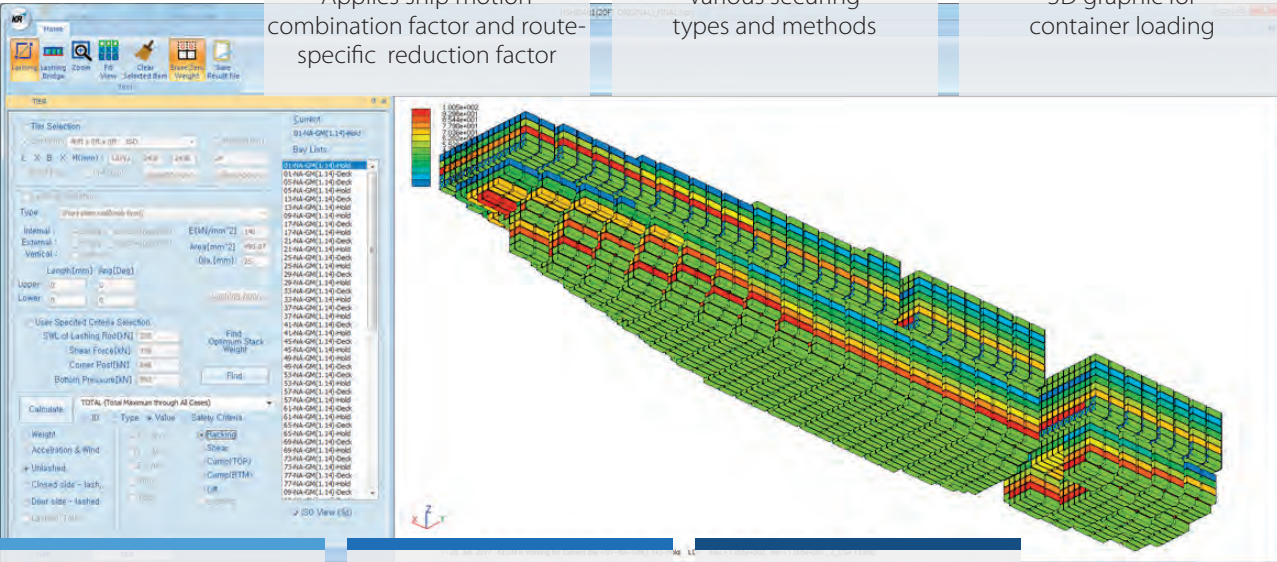
KEY FEATURES

Applies ship motion combination factor and route-specific reduction factor

Various securing types and methods

3D graphic for container loading

Result for various loading conditions

Supports guide for optimum stack arrangement

Provides software development kit (SeaTrust-LS SDK)

SeaTrust-LS Software Development Kit (SDK)

In recent years, the domestic and overseas classification societies have revised the rules related to container securing and immediately reflected the updated rules in the SW. This caused third-party and in-house SW developers to require a new version of SW for the revised guidelines.

However, developing a new version on time is challenging because it requires significant person-hours and expertise to reflect the updated rules. In addition, it is difficult to check the safety of container securing, so if the software is not ready, the container operation will be severely disrupted. Therefore, software development kits (SDKs) are needed to save time and money when developing an SW.

In 2017, we developed SeaTrust-LS SDK, which was beta-tested by major shipping companies and securing SW companies, and we received good reviews. To support developers' development environments and provide easy-use portability and scalability, Microsoft Visual Studio template files in Unmanaged (C ++ with MFC) and Managed (C #) environments have been provided. SeaTrust-LS SDK can be downloaded from the KR website and requires a license file after a simple agreement procedure for free use.

Easy to Integrate into Third-Party Solution