crane.WB

CRANE WEIGHT & BALANCE

A proper weight and balance control is one of the most important factors in ensuring an efficient and safe aircraft operation.

Crane Weight & Balance stands at the focal point of solution providing the necessary and advanced Weight & Balance functions including load control and comprehensive peripheral functions widened as an operational solution.

Overview

Crane Weight & Balance is a web-based solution that is compatible with all standard web browsers with no specific requirement. The graphical trim display makes load planning easy. Compatibility and load limitation checks are made dynamically as the deadloads and passengers are positioned. Clear alerts are shown on the screen instantly. The application accurately and safely manages all the necessary computations to produce the loading instructions (LIRF) and load sheets in IATA format with enriched enhanced data on layout. Sending load sheets directly to the aircraft via ACARS, while LDM, CPM, and MVT messages can be produced automatically, and all messages can be sent via SITATEX and/or e-mail.

Crane Weight & Balance supports a standalone mode and provides full functionality with an internet connection. In addition, it is integrated within Crane suites including Crane DCS, which accesses real passenger and baggage figures immediately.

Crane Weight & Balance is used by Crane Partner Airlines and by ground handling companies serving major airlines.

Benefits

Increased efficiency and cost savings

Significant benefits as efficiency in loading, fuel savings and increased aircraft performance with optimized aircraft center of gravity (CG) engined by a sophisticated mathematical optimization module. Pre/Auto-Load function enables a powerful optimization of load distribution and operationally efficient loading by means of several auto applied loading preferences, restrictions, company rules including Dangerous Goods and Special Loads. Autoload Function pays off with the benefits gained.

Expeditious Developments and Customizations

Customers as partners benefit from expeditious developments towards high end industry standards and advanced experiences together with the partner 's requests as customizations on their benefit.

Simple to learn and easy to use for faster and reliable operation

Crane W&B is simple and intuitive system that reduces training/operation time. System tells about any action which successfully completed or missing transactions of users with clear warnings. Graphical views make it easy for users to understand the aircraft.

Establishing efficiency and traceability of processes

Allows the basis for analysis & Improvements in operator's W&B processes by recording Every Step and Content of the User's Activities.

used by
30+ Partners
including **Airlines**
and **Ground
Handling
Companies**
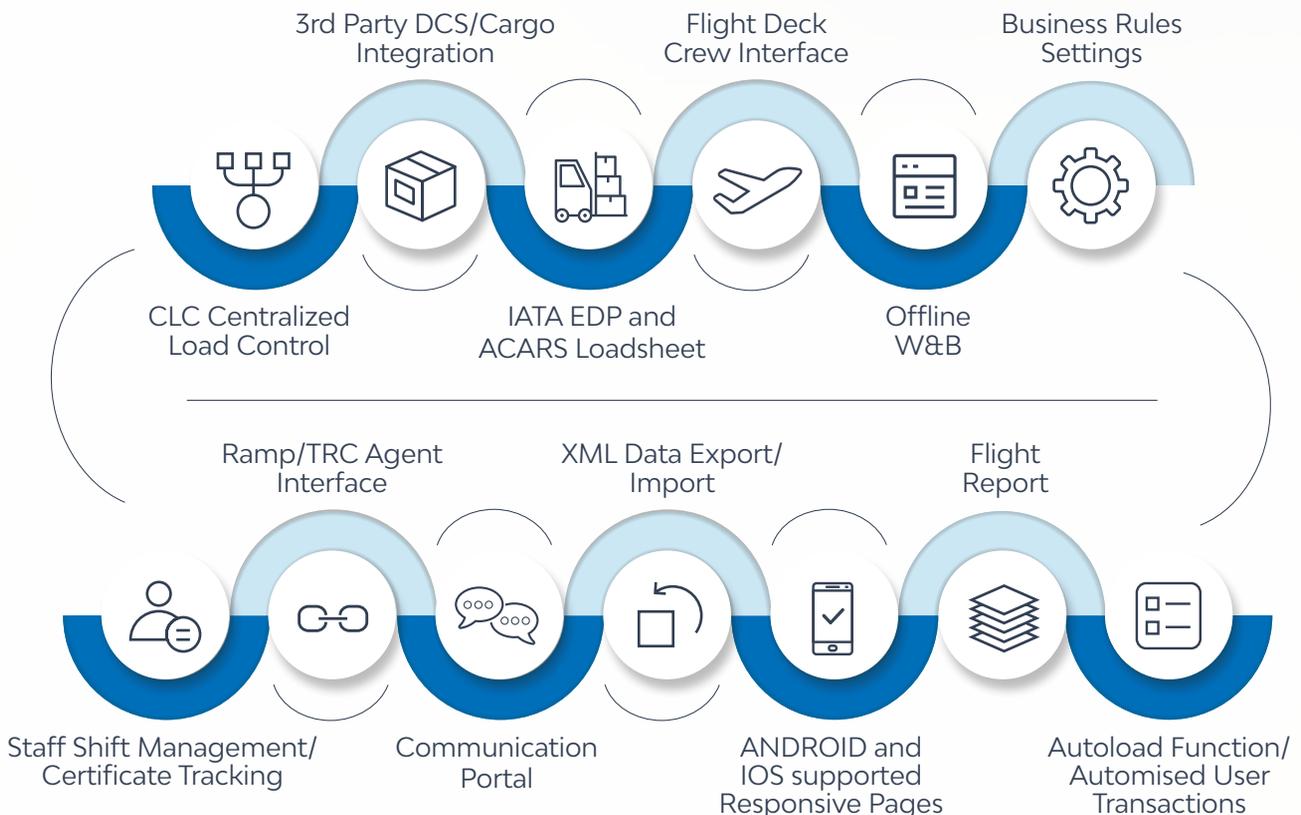
Total
Loadsheet
count
477.000+

Key Features

Crane Weight & Balance is used by Crane family member airlines and by ground handling companies which serve preliminary airlines.

- User-friendly interface/graphical view
- Centralized or on-site loading process
- Dynamic Weight and Index control
- Real time monitoring of flight activities
- DGR and SPCL management
- Documents to be sent via email/telex or print
- Compatible with IATA standards and AHM560&565
- Pax/Cargo/Combi Aircraft Operation
- Support for both narrow and wide-body aircrafts/multileg flights (up to 8 legs)
- Conditional CG limit Definitions including Ideal Trim Line/Area and Fuel Vector
- Aircraft Multiple/Variable Conditional Max Weight Limitations
- IATA standard Electronic Miscellaneous Document (EMD) support
- Historic Forecasted ZFW and Fuel data

used in **Asia, Europe, Africa, South** and **North America**

Components

3rd Party DCS/Cargo Integration

Flight Deck Crew Interface

Business Rules Settings

CLC Centralized Load Control

IATA EDP and ACARS Loadsheet

Offline W&B

Ramp/TRC Agent Interface

XML Data Export/ Import

Flight Report

Staff Shift Management/ Certificate Tracking

Communication Portal

ANDROID and IOS supported Responsive Pages

Autoload Function/ Automised User Transactions

Turnkey solutions for every step on the way.

crane.IBE
crane.APP
crane.TM
crane.OTA

AIRPORT

crane.PAX
crane.SP
BOSS
crane.RA
crane.CA
crane.BPI

crane.MA
crane.CGO
crane.BRI
crane.DOM

TOUR

crane.DCS
crane.ALM

Lounge
SHOP

crane.OCC
crane.LL
crane.WB

PARIS
NEW YORK
ROME
LONDON

GATE

crane.CREW
crane.CCL

crane.

Passenger Service System

crane.PAX	Reservation & Passenger Service
crane.IBE	Internet Booking Engine
crane.MA	Mobile Application
crane.ALM	Allotment Manager
crane.DCS	Departure Control System
crane.WB	Weight & Balance
crane.BRI	Baggage Reconciliation Itinerary
crane.LL	Loyalty Layer
crane.CCL	Customer Care Layer

Operations Planning

crane.SP	Schedule Planning
crane.OCC	Operations Control
crane.CREW	Crew Management

Accounting

crane.RA	Revenue Accounting
crane.CA	Cost Accounting
crane.BPI	Business Performance Index

Merchandising

crane.TM	Travel Merchandising

Travel Solutions

crane.OTA	Online Travel Agency
crane.APP	Agent Portal Plus

Cargo

crane.CGO	Reservation &Cargo Services
crane.DOM	Domestic Cargo Services

crane.

Better. Together.

Hitit

Crane is a brand of Hitit.
The consistent increase in Hitit's customer base and geographic reach, as well as continuous follow up business with existing clients are strong indicators that Hitit has achieved high level of customer satisfaction with its offerings, combining an agile approach to their needs with a team that works closely with them as partners on their business.

Contact:

Resitpasa Mah. Katar Cad.
No: 4/1 Ari Teknokent 2
Ic Kapi No: 601 34469
Maslak, Istanbul, Turkiye

contact@hititcs.com
sales@hititcs.com

+90 212 276 1500

www.hitit.com
www.crane.aero

Crane is a brand of Hitit

Hitit

IATA | Strategic Partner

crane.