

# DTS - DATA TRANSMISSION SYSTEM

## RECORD AND DOCUMENT INFORMATION ON DEICING OPERATIONS

U57000	Hans Jensen	06:27:02 2014-08-27
<b>Usage</b>	Status: Job In Progress Selection: <b>OAT 19%</b> Spray Temp.: 136 °F OAT: 23 °F	<b>End Job</b>
Water: 9.5 Gal. Type I: 2.2 Gal. Type IV: 0.0 Gal.		
<b>Flight</b>		
RegNo	AirLine	FlightNo
N1234	AA	111
<b>Prepare Aircraft</b>	<b>De-Ice Big</b>	<b>Anti-Ice Big</b>
<b>Complete Aircraft</b>	<b>De-Ice Small</b>	<b>Anti-Ice Small</b>
		<b>Change Selection</b>
		<b>Purge</b>



The Aviation Industry requires more and more documentation for all safety related actions. This certainly also applies to de-icing/anti-icing operations.

With the Vestergaard data transmission system, the DTS, it is possible to record, document and process information on performed de-icing/anti-icing operations. The DTS may assist in this in basically any required form or format to meet the customers' specific demands.

The DTS tracks data related to deicing operations such as time, aircraft, location, fluid consumption, fluid temperatures, weather, operator, refractive index values, and truck performance. Most new Vestergaard vehicles are now sold with this system and the system can also be retrofitted on existing Vestergaard units.

The system can be expanded with modules enabling the de-icing coordinator to use the system for unit allocation purposes, and/or to feed the system with information from the airport dispatch system.

The operator's panel consists of a touch-screen interface, enabling the operator to record a number of data in addition to the de-icing data, such as aircraft reg.no., flight no., operator etc. After completed operation, this data is stored in the safe Vestergaard Company A/S Hosted Web Server.

At Vestergaard we particular configure the DTS to suit your requirements. Let us know, and we will propose the Data Transmission you need, in any language required.

### MAJOR ADVANTAGES

- » Easy-to-use interface
- » Traceability
- » Flexible module system
- » Documentation
- » GPRS technology – independent of airport infrastructure

For questions and requests for further information please contact:

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COMPANY  
**VESTERGAARD**

# DTS - DATA TRANSMISSION SYSTEM

## MAIN FEATURES

### Safe connection to web server

Only authorized persons can access the secured data on the web server. An authorized logon, automatically takes you to the continuously updated DTS job page (One operation for one unit creates a DTS record).

### Job Table

Each activity per connected deicing unit is listed on this page. By clicking on unit number, user login number, airline, flight number or unit count will generate a detailed list of the relevant parameters respectively.

### Detailed operation reports

Clicking on any flight number automatically generates all activity reports related to this specific operation. Detailed reports on each single fluid and/or fluid mixture sprayed on the aircraft is listed, and so is the total operation time and fluid consumption.

### Statistics

Statistics can be filtered as per request and specification, grouped: Periodically, Per unit, Per customer, Per operator.

### Live map

GPS technology allows tracing individual deicers in the airport.

### Data export

PDF files can be generated from all lists on the web site. Data can likewise be exported in Excel format for further processing (e.g. invoicing). Export parameters can as per request include, all data, new records (generated since last export), or data in specific periods.

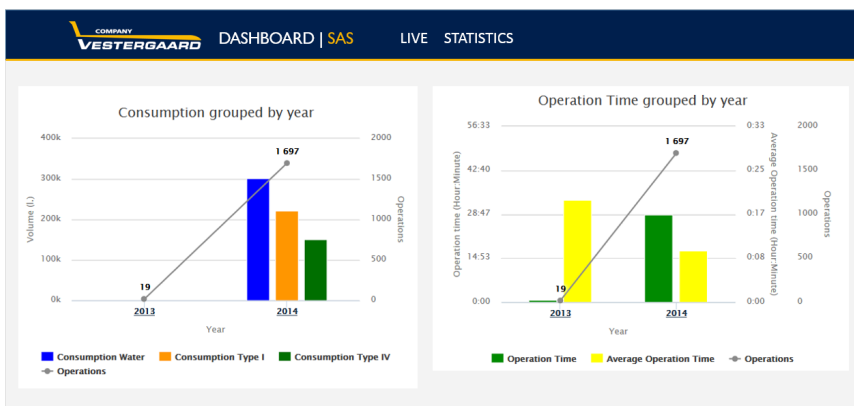
## NEW FEATURE 2015

### DTS Dashboard

The new DTS Dashboard feature is to give the users of the DTS system access to an easy and graphical overview of their de-icing operation(s). The dashboard is an extra service offered to DTS customers and customization is possible for an additional fee.

Benefits of the dashboard is easier communication of statistics and results to all levels in the organisation. Use of the dashboard makes it easy both to present a quick basic overview of all activities and also to drill down in the data using the dashboard as a daily management /operations control tool for e.g. a de-icing manager.

The first version of the dashboard will be available as an extra feature in the existing PC-based DTS system, but an App for mobile media is planned.



The graphical overview of data in the DTS Dashboard provides live views of Key Performance Indicators.

Managers, owners, supervisors, and other stakeholders can quickly check on the figures that they mostly want to monitor without having to ask for reports and details.