



# LeakReport Manual





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## Installation

🐙 LeakReport	_		×
<b>Destination Directory</b> Select the installation directories.			
All software will be installed in the following locations. To install software into a different location, click the Browse button and select another directory.			
Directory for LeakReport			
	Bro	owse	
Directory for National Instruments products C:\Program Files (x86)\National Instruments\	Bro	owse	
<< Back Next >	>>	Cance	el

Run setup.exe and follow the installation instructions until the installation is complete.





## Language and other country-specific settings



#### Run LeakReport software.

LeakReport Ver. 2.0.1.2. Configuration Language Units and Currency Report folder				- 🗆 X
Path to measurement folder C:\ProgramData\LeakReport\ExampleData Files	to analyse 30 🗁	Start Analysis Star	rt Report	CAF
List of leakages				
picture ID Pr Lo Le Pr Go Go CC	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Configuration - Choose Lang X Choose Language English German Chinese Japanese Korean	1 Deport Quiculation	Software & Systems Result Number of measurements Overall leakage 0 m²/a Overall costs 0,00 EUR/a Emission 0 kg CO2/a
picture ID Pr	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OK Cancel Component Rep recommended Repairman Repair date Picture time 0	1 Greport Calculation	

Select "Language" in the menu above to access the language selection menu. Select the language here and confirm with "ok". For English, please select "English".

The software automatically remembers the selected language for the next start.





T LeakReport Ver. 2.0.1				- L X
Configuration Language Units and Currency Report 1	lder			
Path to measurement folder				
C:\ProgramData\LeakReport\ExampleData	Files to apply a 30	Start Analysis Start R	eport	
	Files to analyse 30			
List of Inclusion				
List of leakages				
picture	ID			Software & Systems
	Priority 0 Data	Machine	Re	sult
	Loss 0,0° LUR/a	Component		
	Leak rate ,00 / Configurat	ion - Choose Units and Currency	X	Number of measurements 0
	Level 0,0 d	,	on	
	Pressure 0,00 b Units	Currency		Overall leakage 0 m³/a
	Gas typ	EUR	к	Overall costs 0,00 EUR/a
	Comment			2 k - 622/s
		Can	icel	Emission 0 kg CO2/a
	Distance:			
picture				
		1		
	Priority 0 Date	Machine		
	Loss 0,00 EUR/a	Component	Report	
	Leak rate 0,00 L/min	Repair recommended	Calculation	
	Brassure 0.00 bar	Repairman		
	Gastype	Repair date		
	Comment			
	Distance: 0,10 m	Picture time 0		

Select "Units and Currency" in the menu above to access the menu. Select the unit system and the currency and confirm with "ok". Please select "SI" for the metric system and "EUR" for the euro.

The software automatically remembers the selection for the next start.

If the unit system is changed, it is advisable to reset the settings in the configuration menu. See the chapter Settings.





# Generate Report



#### Run LeakReport software.

JeakReport Ver. 2.0.1.23				- 🗆 X
Configuration Language Units and Currency Report	ielder.			
Path to measurement folder				
C:\ProgramData\LeakReport\ExampleData	Files to analyse 30 🗁 💙	Start Analysis Sta	rt Report	
List of leakages				
picture			^	Software & Systems
		Mashias	1	,
	Priority 0 Date	Company		Result
	Leak rate 0.00 L/min	Component	Report	
	Level 0,0 dB	Repair recommended	Calculation	Number of measurements
	Pressure 0,00 bar	Repairman		Overall leakage 0 m³/a
	Gas type	Repair date		Overall costs 0,00 EUR/a
	Comment			
	Distance: 0,10 m	Picture time 0		
picture	ID			
	Priority 0 Date	Machine		
	Loss 0,00 EUR/a	Component		
	Leak rate 0,00 L/min	Repair recommended	Calculation	
	Level 0,0 dB	Repair done		
	Pressure 0,00 bar	Repairman		
	uas type	Kepair date		
	Comment			
	Distance: 0,10 m	Picture time 0		

Press the button with the folder symbol at the top to select the folder with the measurement data.

It is recommended to store the measurement data folder under "C:\ProgramData\LeakReport" so that it can be accessed with just a few clicks.

The software is installed with sample data located in the preselected folder under

"C:\ProgramData\LeakReport\ExampleData".





LeakReport Ver. 2.0.1.23						- 🗆 🗙
Configuration Language Units and Currency Report folder						
Path to measurement folder C:\ProgramData\LeakReport\ExampleData	Files to analyse	30 🛏	Start Analysi	is St	tart Report	CAE
List of leakages						
picture	ID Deireiter	0 Data	Machine		1	Software & Systems
	Loss Leak rate	0,00 EUR/a	Component		Report	Number of mercurements
	Level Pressure	0,0 dB 0,00 bar	Repair Repairman	Repair done	Calculation	Overall leakage 0 m <sup>3</sup> /a
	Gas type Comment		Repair date			Overall costs 0,00 EUR/a
	Distance:	0,10 m	Picture ti	me 0	]	
picture	ID Priority Loss Leak rate Level Pressure Gas type Comment	0 Date 0,00 EUR/a 0,00 L/min 0,0 dB 0,00 bar	Machine Component Repair Repairman Repair date	recommended Repair done	Report Calculation	
	_ ostance.	0,1011	Ficture ti			Y

The analysis is started with the "Start Analysis" button.

LeakReport Ver. 2.0.1.23 Configuration Language Units and Currency Report folder	×
Path to messurement folder       Eles to analyse 30       Sta         C:ProgramData\LeakReport[ExampleData       Files to analyse 30       Sta         List of leakages       If Edit messurement       Leakage         Image:       Image:       Image:       Image:         Image:       Image:       Image:       Image:       Image:         Image:       I	Analysis Start Report
Pressure 6,00 bar Repair Gas type Air Repair Absperungung erneuern Distance 0,29 m	iate

To change (e.g. distance) or add (e.g. comment) details for a measurement, double-click on the measurement.





JeakReport Ver. 2.0.1.23		X
Configuration Language Units and Currency Report folder		
Path to measurement folder C:\ProgramData\LeakReport\ExampleData Files to anal	lyse 30 🗁 Start Analysis Start Report	САГ
List of leakages		
D Priority Loss Leak rat Level Press Com en Distance	10 (TDris Da 2 Date 2 13,30 EUR/a 0,844 L/mn 51,7 dB 6,00 bar a Air Telfonband e 0,21 m	Result           Number of measurements         30           Overall leakage         107701 m²/a           Overall costs         3231,03 EUR/a           Emission         6591,31 kg CO2/a
D Priority Los Lesk rate Level Pressure Gas type Comme Distance	11.tdms     Create Report     Cancel       27,81 to 8/a     Oursponent     Prize       27,81 to 8/a     Oursponent     Prize       67,5 d8     Repair     Calculation       6,00 bar     Repair date     Calculation       4 Air     Repair date       ant     Absperrungung enseuern       at     0,29 Picture time 0	-

The export of the report is started with the "Start Report" button. A window then opens in which the name of the report can be customized and an additional comment can be entered. To write the report, click on "Create Report". A PDF file is now created and opened.





## Settings

Leakke, ort Ver. 2.0.1.23		– 🗆 🗙
Configuration Language Units and Currency Report folder		
	are Configuration	<
Path to measurement folder		
C:\ProgramData\Leakkeport\ExampleData	Configuration	
	A di Hauthinterra	
List of Jackson	Author Max Muslermann OK	
List of leakages	Measuring device SoundCam Ultra	
picture	Serial number	Software & Systems
	Software version LeakReport Ver. 2.0.1.23	
	Company CAE Software und Systems GmbH	t
	Address 1 Linteler strasse 23	
	Address 2 33334 Guetersloh	Number of measurements 30
		0 10 107701
	Pressure 6,00 bar	Overall leakage 107701 mP/a
HI CONTRACTOR	Costs per volume 0,03 EUR/m <sup>3</sup>	Overall costs 3231,03 EUR/a
1001 3 9 7	Energy costs 0,20 EUR/kWh	
	Emission 0,408 kg CO2/kWh	Emission 6591,31 kg CO2/a
	Running time per year 8760 h	
-	Gas type	
picture	Reset	
	Priority limits	
	18.91/m P1	
	6 30 L/m P2	
	0,50 L/m P3	
	0,0530 L1 P4	
	0,0030 L P5 w	
	Reset	
	D' 1 0.00 m D' 1 1 0	
	Distance: 0,29 m Picture time 0	

Select "Configuration" in the menu above to edit the analysis settings.





📕 Configuration				$\times$
Configuration			_	
Author	Max Mustermann		ОК	
Measuring device	SoundCam Ultra		U.V.	
Serial number				
Software version	LeakReport Ver. 2.	0.1.23		
Company	CAE Software und	Systems GmbH	Cancel	
Address 1	Linteler strasse 23			
Address 2	33334 Guetersloh			
	Pressure	6,00 bar		
	Costs per volume	0,03 EUR/m <sup>3</sup>		
	Energy costs 0,7			
Emission		0,408 kg CO2/kWh		
Running time per year		8760 h		
Gas type Air				
		Reset		
	Pr	iority limits		
18,9 L/m P2				
6,30 L/m P3				
0,630 L/r P4				
0,0630 L PT				
Reset				

Field	Description
Author	The author of the report can be entered
	here.
Measuring device	The measuring device used can be
	entered here.
Serial number	Enter the serial number of the used
	measuring device here.
Software version	This field is filled automatically and
	cannot be edited.
Company	A company name can be entered here.
Address 1	An address can be entered here.





Address 2	The address can be added here.
Pressure	ATTENTION! The pressure specified
	here is for information purposes only
	and has no influence on the
	calculation! The pressure information is
	already contained in the audio signal of
	the measurement to be evaluated.
Costs per volume	Enter the costs for the specified
	volume of compressed air/gas here.
	These depend on the compressor and
	the electricity costs. For many
	compressors, this results in a value of
	approx. 0.03 €/m³. This value can be
	assumed for compressed air if the real
	value is not known.
Energy costs	Enter the energy costs here. This value
	is used to calculate the CO2
	emissions.
Emission	Enter the CO2 emissions per kWh
	here.
Running time per	Enter the operating hours of the
year	compressors here.
	The operating hours are needed to
	extrapolate the leakage costs to the
	year.
	3 shifts (constant operation):8.760 h
	2 shifts 7 days: 5.840 h
	2 SNITS 5 days: 4.170 h
	1 SNITT / days: 2.920 h
	1 SNIT 5 days: 2.085 h
Gas type	I ne medium can be specified here.
Priority limits	I he limits can be specified here in
	order to prioritize the leakages. The





default	settings	can	be	restored	via
"Reset"					





### Include your own logos in the report

You can integrate your own logos in the report.

I     Image: Imag	Manage NoCompany —	□ × ^ (?)
Pin to Quick Copy Paste	sy path te shortcut to to the shortcut to the	
← → ✓ < 📃 %programda	ata%/LeakReport\ReportTemplate\resources\NoCompany	م
<ul> <li>Downloads</li> <li>Documents</li> <li>Google Drive</li> <li>OneDrive</li> <li>Google Drive (G:)</li> <li>O00_erstellte Angebote</li> <li>S00_Preislisten</li> <li>9900_Partner</li> <li>Installer</li> <li>OneDrive - Personal</li> <li>This PC</li> </ul>	CompanyLogo Headline	
<ul> <li>D Objects</li> <li>Desktop</li> <li>Documents</li> <li>Downloads</li> <li>Music</li> <li>Pictures</li> <li>Videos</li> <li>Local Disk (C:)</li> <li>Google Drive (G:)</li> <li>4 items</li> <li>1 item selected 6,20 KB</li> </ul>	We fix Leakages We fix Leakages We fix Leakages	

To do this, use Windows Explorer to navigate to the corresponding LeakReport folder. The following path can be copied into Windows Explorer for this purpose:

#### %programdata%\LeakReport\ReportTemplate\resources\NoCo mpany

Here are the 4 graphics that are used for the report. These can be replaced by your graphics.

The file name must be retained, otherwise the graphic cannot be found!

The number of pixels in width and height must be retained, otherwise the report may be displayed incorrectly.

The following image shows what the report looks like with the graphics.





Headline.png 1086 x 172 px					
Bericht   06.05.2024	ReporterGrafik.pn 1088 x 119 px	RT			
Erstellt durch Sam Sample					
Messinstrument - Seriennummer SoundCam Ultra 3 - 230001					
Leak Reporter Version LeakReport Ver. 2.0.1.23	Produ 600	ctLogo.png x 550 px			
Anzahl der Messungen 30					
Zeitraum 2023-06-23 - 2023-12-01					
Addresse Muster GmbH Muster Strasse 123 012345 Musterhausen	Kommentar				
	Compa 497	nyLogo.png x 180 px			
Page 1 of 20	LeakReporter V2	06.05.2024 13:19:10			





The custom logos still need to be activated for the software. To do this, the CAE.ini file in the "StartUp" folder of the LeakReport must be deleted. The following path can be copied into Windows Explorer to navigate to the "StartUp" folder:

%programdata%\LeakReport\StartUp

The CAE.ini file is located in this folder. Please delete it. After restarting the software, your own logos should be used.







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