

Quick and easy savings with calms applications

Leaking is present in industry that uses compressed air, steam or other gases under pressure. That is why there are a lot of potential savings. In some cases more that 50 %.

In our more than 10 years long history in working with leak detection, we discovered that our work in a company is not as efficient as it could be, until we involved companies top management. Top management involvement makes systematization of the process possible.

How to systemize leak seeking and repairing?

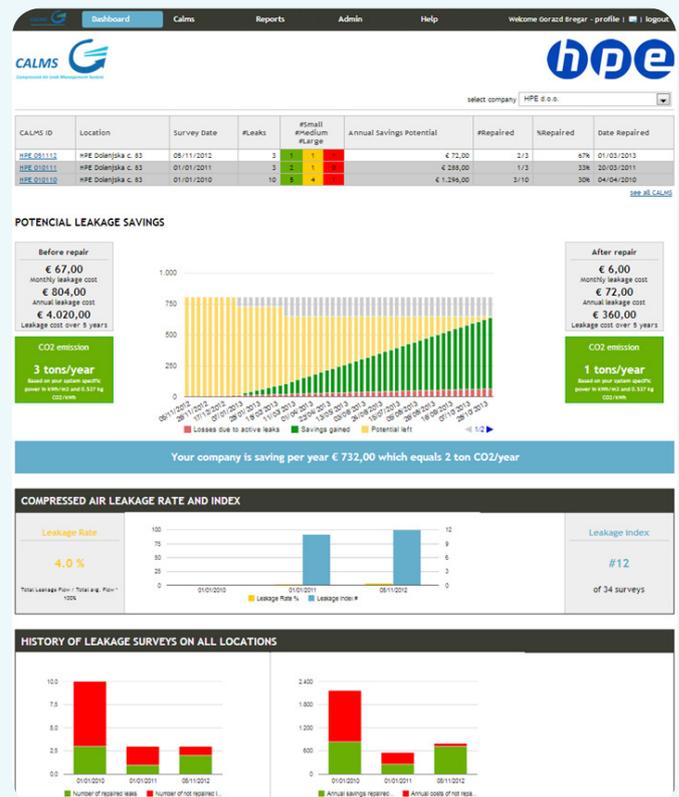
For this purpose we developed special web application called CALMS (Compressed Air Leak Management System), that is accessible with web browser at www.calms.com

With CALMS you can monitor all activities on leak seeking and leak repairing process. You can also monitor energy savings and reduction of consumption of compressed air, steam or nitrogen. It's cloud base can reduce time between leak discovery and repair for 50%. And guaranties for better traceability and control of leak management. In main menu of application, you can monitor number of detected leaks, estimated volume of leaked medium and cost of it on yearly basis.You can see the progress made with leak repairs.

After the repair you can monitor savings and costs of parts needed to repair the leaks and the time of return of investment.

Application has multiple account rights levels. Workers that do leak detection can easy enter the information about discovered leaks and final repairs with mobile application on smart phone or tablet PC.

In every given time Energy management can monitor the reparations, savings made and make quick and easy reports with prepared templates or write their own.



Leak seeking

Every inspection can be done in a complete company, in just part of the company, or in different locations in big companies.

Every leak detected is entered in a query, where there is automatic calculation of volume amount of leaks and costs evaluations on basis of your price entries.

Every leak spot is identified with its own serial number, location description, description of leaking part and picture. For each leak you can estimate time needed for repair and costs of material. There is also possibility of voice recording with each leak.

Leak ID	dB	Pressure bar	Micro Location	Defined	Repair Material Cost EUR	Flow m ³ /h	Monthly Leak Cost EUR	Options	
1	25	0.0	Delavnica 1	☑		30.00	1.971	€ 15.00	
2	50	0.0	Delavnica 1	☑		5.00	3.151	€ 23.00	
3	70	0.0	Delavnica 1	☑		4.00	3.845	€ 28.00	
4	75	0.0	Delavnica 1	☑		3.00	1.385	€ 10.00	
5	25	0.0	Delavnica 1	☑		4.00	1.062	€ 8.00	
6	17	0.0	Delavnica 1	☑		5.00	0.474	€ 4.00	
7	45	0.0	Delavnica 1	☑		4.00	1.849	€ 14.00	
8	50	0.0	Delavnica 1	☑		5.00	3.575	€ 26.00	
9	55	0.0	Delavnica 1	☑		3.00	2.741	€ 20.00	
10	60	0.0	Delavnica 1	☑		23.00	4.465	€ 33.00	
TOTAL ESTIMATED					Estimated Leaks	Repair Cost	Flow (m ³ /h)	Monthly Leak Cost (EUR)	
					10/10	€ 64.00	24.50	€ 181.00	
TOTAL ACTUAL REPAIRED					Repaired Leaks	Repair Cost	Repaired Leak Flow (m ³ /h)	Repaired Leak Monthly Cost (EUR)	
					0/10	€ 15.00	1.330	€ 71.00	

Reporting and Notifications

System of automatic notifications with weekly or monthly automatic generated reports of progress or financial reports for managers, makes all the changes noticeable.

All reports include tables with all leaks, material description, pictures, costs of each leak and total and potential savings.

STROŠKOVNA OCENA PREGLEDA PUŠČANJA CALMS

PODJETJE: CALMS TEST COMPANY
 LOKACIJA: CALMS test location
 CALMS: CALM/CALMCompressed and 010112

	Vrsta puščanja	Leakno puščanja	Številsko puščanja	Možna puščanja
Število iskanj (puščanj)	30	0	0	25
Definirane puščanje	13	0	4	7
Nedefinirane puščanje	17	0	0	18

Številski izračun in kompenzacija za leto: 0.000 EUR/m³
 Številski kompenzacijski izdelek: 0.000 EUR/m³
 Številski stroški delovne sile: € 30.00 EUR
 Materialni stroški: € 30.00 EUR
 Prognostični stroški izdeleka za leto: 13.3 EUR/m³
 Prognostični stroški izdeleka za leto: 788.0 EUR/m³
 Specifični stroški delovne sile kompenzacijske izdeleka: 0.1400 EUR/m³

Številski stroški: € 60.00 EUR
 Delovni stroški (puščanja) (EUR) * 10: € 300.00 EUR
 Materialni stroški: € 30.00 EUR
 Količina puščanja: 1.18 m³/min
 Številski stroški puščanja: € 19.360.00 EUR
 Stroški materiala: € 16.364.00 EUR
 Dnevni stroški: € 16.364.00 EUR

PHOTOS

CALMS Reporting (info@calms.eu) CALMS REPORT ID: 0101101116

Mobile Application

Mobile application is available for all smart phones or tablet PC's with Android operating system. It makes data entry possible directly from the field. Synchronization is made via wireless network, speeding up the entry process and making it more efficient and accurate. And there is no need for manual entry or transfer from portable memory medias.

With every leak you can attach up to three pictures or 30 seconds of voice recording.

CALMS
Compressed Air Leak Management System

EASY LEAK MANAGEMENT SYSTEM
ANDROID VER: 1.3

Username : test@calms.eu
Password : *****

LOGIN

SELECT CALMS

ID: DEMODEMO200113CA
 COMPANY: DEMONSTRATION COMPANY, Street 1
 LOCATION: DEMONSTRATION LOCATION

test@calms.eu
 COMPANY: DEMONSTRATION COMPANY
 LOCATION: DEMONSTRATION LOCATION
 CALMS: DEMONSTRATION LOCATION

Profile: barg, m3/min, m3, EUR

START LEAK SURVEY

START LEAK REPAIR

LEAK PREVIEW

SYNCHRONIZE

LEAK ID: 11 Leak Defined YES

dB: 34

Pressure: 7.0 barg

Micro location: b.d. 18 m polje 18 D poz.24.11

Edit Leak

More Leak Details

Take Photos

Voice Recording

Previous Leak End Next Leak

Leak ID: 11 dB: 34
 b.d. 18 m polje 18 D poz.24.11
 cevka fi 10
 cev 1m

Repair: YES 04/25/21 Repair Time 15

Start Leak Repair

Repair material: Spojnica 10-10

Repair cost: 2.5

Take Photo

Stop Leak Repair