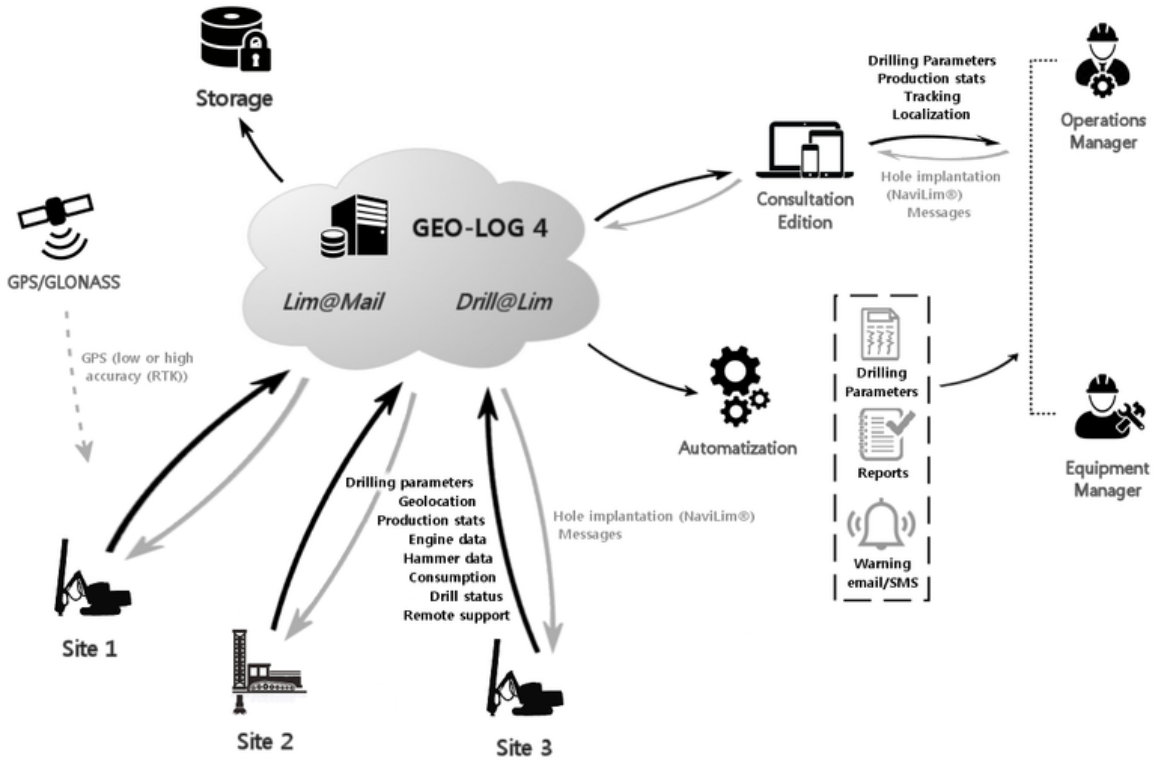
Drill@LIM

Real-time monitoring of drilling machine operation with geolocation

Hydraulic pressure (bar)	Hammer hours	Drilled length total (m)	Hole count total
	1925:21:29	156579.4	63
6.50644	1851:55:48	78052.42	3207
	507:21:26	10862.56	648
	1925:21:29	156579.4	63
176.49196	944:55:14	83869.26	4405
201.82192	936:43:55	76832.86	8151
	1925:21:29	156579.4	63
120.33875	1003:21:13	98313.75	8346
1.92874	697:16:49	64387.09	6387

from	to	Machines	Devices	Faults	Operator	GPS position	Engine Speed (rpm)	Engine Hours Total	Engine oil pressure (bar)	consumption total (L)
31/05/21, 15:42		SAV	53018		SAV LIM	(45.7754135,5.0267863)		13:21:00		245.5
31/05/21, 15:42		TMB28A-04FT087000	52124		Christophe - 068990588	(47.1316071,5.5397196)				0
31/05/21, 15:42		D50A-04FT085000	52149		Sebastien - 061991003	(45.7354164,4.5190377)	1661	2328:12:00	2.76	107459.5
31/05/21, 15:41		SAV	53018	RIG_COMPR_LUB_CLO	LIM	(45.7754478,5.0267634)	994	13:18:00	4.04	245.5
31/05/21, 15:40		T40B-04HT083000	52123		Olivier - 065983998	(45.7358742,4.5193429)	2018	2455:03:00	4.48	57915.5
31/05/21, 15:39		T40A-09HT107000	52122		Henri - 061028072	(46.1779442,1.9775017)	2116	2971:51:00	4.64	66701
31/05/21, 15:36		SAV	53018		SAV LIM	(45.7754402,5.0267553)		13:18:00		245
31/05/21, 15:35		FRD04-09HT106000	52108		Loic - 06997867€	(48.6470718,5.7112579)	1819	2806:42:00	3.28	93357
31/05/21, 15:34		FRD05-HCR1800	53003		Lim	(47.4083481,5.835537)	1200	1781:42:00	3	2684



Tél : +33 472 14 68 30 / Email : lim@lim.eu

www.lim.eu

Drill@LIM

Real-time monitoring of drilling machine operation with geolocation

Drill@LIM is a cloud solution that provides real-time information on the operation and geolocation of the drilling machine.

Drill@LIM is aimed at managers in charge of the operation and equipment of a fleet of several drilling machines. The data and information can be shared with any other stakeholder.

Drill@LIM concerns any drilling machine, whatever the type, model and manufacturer, on which a **PocketLIM** data logger is installed.

When the machine starts up, the **PocketLIM** automatically powers on. To be able to access the **Drill @ LIM** service, the driller logs in using a username and password. This identification process makes it possible to know at all times who is the operator of the machine.

A GPS unit (metric precision) installed on the machine and connected to the **PocketLIM** geolocates the drilling machine in real time. Thus all the machines in a fleet can easily be located on a map at any time. This geolocation is only possible if the **PocketLIM** is powered on and under GSM coverage.

Thanks to its CANBUS CAN OPEN protocol technology, the **PocketLIM**, in addition to the sensors recording the drilling parameters as a function of the depth, can be easily connected to the main parts of the drilling machine, which are the motor and the hammer, thus making it possible to deliver remotely very important information on the operation of the drill, such as:

✓ **Drill@LIM** informs in real time the manager of a fleet of several drilling machines, of all incidents occurring by sending notifications by email.
✓ **Drill@LIM** warns of the number of hours of use of the engine, thus allowing good management of its maintenance for the planning of oil changes and overhauls.
✓ **Drill@LIM** allows the edition of daily and monthly reports automatically generated with per drill, information on its geolocation, engine and hammer operating times, fuel and oil consumption and possible shutdowns and breakdowns. The generation of these reports is notified by email.

Highlights :

✓ Global hardware and software instrumentation solution, **PocketLIM** data logger+ **Drill @ LIM** cloud solution ;
✓ Hardware and cloud solution offered by a single supplier, LIM, which is independent of the drill rig manufacturers;
✓ A single instrument manages all the sensors, whether for the drilling, the machine and the engine;
✓ Instrumentation after-sales service provided by LIM, the sole technical contact for all instrumented drilling machines regardless of their brands and models.