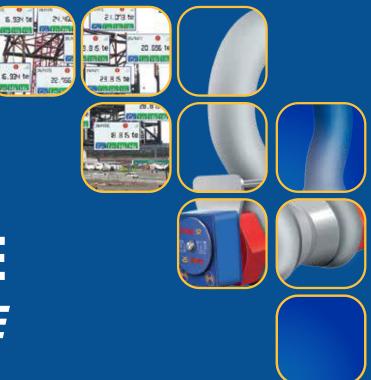




INSIGHT SOFTWARE GUIDE



PROOF TESTING

When you are conducting any proof load testing applications, such as crane testing using water bags or other masses pad eye testing, crash-barrier or cylinder testing. INSIGHT enables you to document the load test in real-time with a load v time graph and automatically generate a pass or fail test certificate with full traceability.





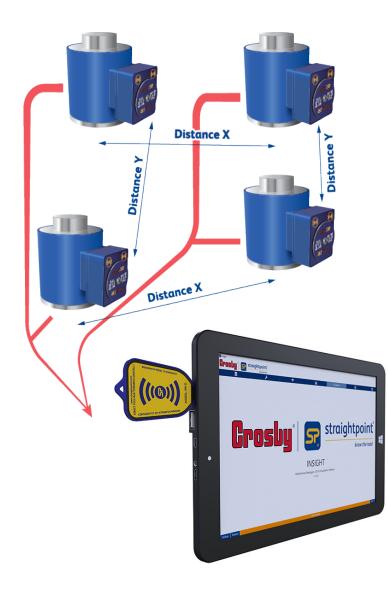


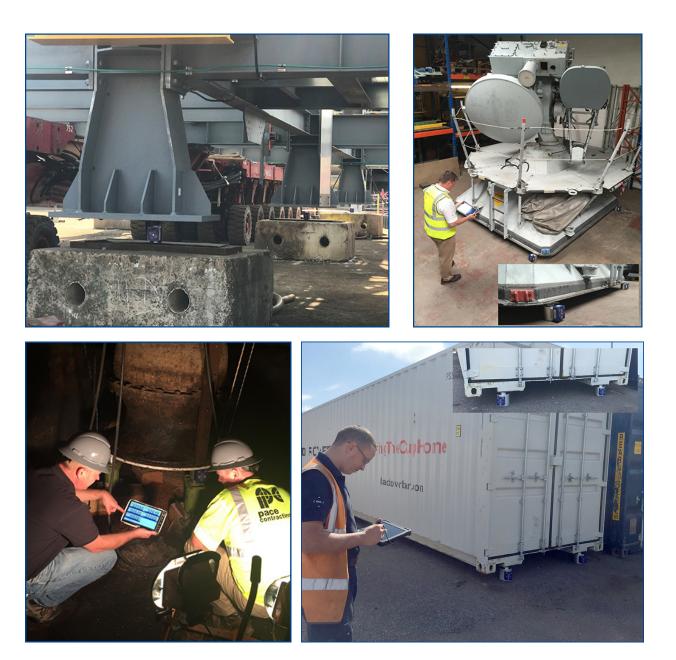
- SAFETY
- RELIABILITY
- INNOVATION

BEFORE THE LIFT

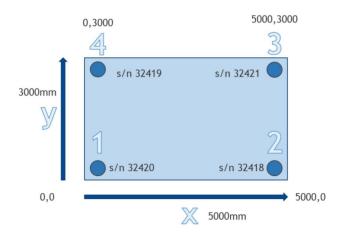
INSIGHT software is capable of wireless connection to up to 126 wireless compression load cells simultaneously. Place the compression load cells below all the load bearing points of the item you are lifting to establish the actual weight and Centre of Gravity of your item.

Wirelessly connect your load cells to your Windows PC or tablet.





Plot the distances between your load cells in the grid template in the software.



Now you will get read-outs of the load placed on each load cell, total weight, as well as a display of the center of gravity. The larger the circle the larger the weight.



After plotting and calculating the centre of gravity INSIGHT will compile a final report for you to export.

You are now ready to make a safe lift, knowing what you are lifting.

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				ki	now the load				
			W	EIGHING RE Project					
Date:	Thursday, 28 November 2019								
Operator:	DA								
Project:	Demo								
Project Number:	123								
Client	SP								
COG Units				Weight Unit	8				
m				te					
Environmental Co									
	Temperature 22			Wind Speed 10		Wind Direction			
	22			10 NE					
Coordinates				Load Cell Input					
Cell Position	Cell Description	Х	Y	Cell Position	Description	Weighing 1	Weighing 2	Weighing 3	Mean
1	123455	0	0	1	123455	3.0	3.0	3.0	3.0
2	123455 + 5	0	10	2	123455 + 5	8.0	8.0	8.0	8.0
3	123455 + 10 123455 + 12	10	0	3	123455 + 10 123455 + 12	13.0	13.0	13.0	13.0
5 .	123433 T 12	10	, ite		TOTALS	38.9	38.9	38.9	38.9
					10 1120				
COG Result									
COG RESUL	Minish			Malah har 0		Melah	1		
	Weighing 1			Weighing 2		Weighing 3		Mean	
COG X COG Y			7.18689		7.18711 5.90058			7.18696	
COGY	5.90	J 4 0		5.90048		5.900	130	5.9	1001
MEAN TOTAL WEIGHT:		38.9						Mean Centre	of Gravity
Standard Deviation Weight		0				COG X		7.18696	
Standard Deviation in Percent		0					COGY	5.900	51
Notes: heavy rain									
			Name		Signature		Date		
Crosby Strai	ghtpoint Representative								
Clien	t Representative								
	er Representative								



- SAFETY
- RELIABILITY
- INNOVATION

DURING THE LIFT

You can use any combination of Straightpoint's load cells to monitor your lift. Mix-and-match between Radiolinks and Loadshackles. The maximum wireless range is an impressive 700 meters or 2300 feet!





The load cells will transmit information to your PC as often as 200 times per second.

During the lift you can display your data either as graphs or in numerical displays.



An example of INSIGHT in actual use lifting a refinery installation weighing >500T using a custom made lifting truss and 12x 100T Radiolink plus.





To get a better overview you can display all load cells on a background of your choice, and place each cell display where it is actually

At all times you get visual and audible alarms for over and under loads.

located.





- SAFETY
- RELIABILITY
- INNOVATION

AFTER THE LIFT

Once the lift is finished your H&S department or your customer often require proof of how the lift unfolded. With INSIGHT all data from the lift is logged and can be compiled in a report.

The information that is logged includes:

- Load per cell throughout the lift
- Total weight
- Exact x and Y coordinates for center of gravity
- Any dynamic shock loads during the lift
- Time, date, duration, position etc.
- Weather data such as wind speed and direction can also be added.
 Both you and your customer can be safe and confident that the lift was carried out correctly and no damage was inflicted on the load.

		_ ••	straightpoint							
			W	EIGHING RE Project						
Date:	Thursday, 28 November 2019									
Operator:	DA									
Project:	Demo									
Project Number:	123									
lient:	SP									
COG Units				Weight Unit	8					
m				te						
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Environmental Co	Temperature			Wind Speed			Wind D	irection		
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Cen Position	123455	0	0	Cell Position	123455	3.0	Weighing 2 3.0	3.0	Mean 3.0	
2	123455 + 5	0	10	2	123455 + 5	8.0	8.0	8.0	8.0	
3	123455 + 10	10	0	3	123455 + 10	13.0	13.0	13.0	13.0	
4	123455 + 12	10	10	4	123455 + 12	15.0	15.0	15.0	15.0	
				(TOTALS	38.9	38.9	38.9	38.9	
COG Result										
	Weighing 1			Weighing 2		Weighing 3		Mean		
COG X 7.15		16.0-		7.18689		7.18711		7.18696		
COGY	5.90	048		5.90048		5.900	58	5.90	0051	
MEAN TOTAL WE	EIGHT:	38.9						Mean Centre	of Gravity	
Standard Deviation Weight		0				COG X		7.18696		
Standard Deviation in Percent		0					COGY	5.90051		
Notes: heavy rain										
		Name		5		gnature		Date		
Crosby Stra	ightpoint Representative									
Clier	nt Representative									
	mer Representative									



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