

Company name	The SPB Global Corporation SL		Challenge Code	05.1
Challenge Type	Process	Technology	Business	Product
Specific Challenge	Detection of the sealing of water-soluble capsules for washing machines and dishwashers			
Description		How could we		
<p>SPB is a manufacturer of water-soluble capsules for washing machines and dishwashers. These capsules are made up of several compartments that may contain powder or liquid. It has several manufacturing lines for this product with basically two technologies: rotary drum manufacturing and flat manufacturing.</p> <p>Due to the nature of the process, in a small percentage the film does not seal well. This causes liquid or dust leaks. Either towards the outside of the capsule or between compartments of the capsule.</p>		<p>How could SPB have an effective liquid or dust leak detection system that would allow it to discriminate against defective (poorly sealed) capsules?</p>		
Restrictions or specific requirements		Profile of the collaborator we are looking for		
<p>Ideally, the detection system would be integrated into the process itself and would not be a segregated module. And the segregation of defective capsules would be automated. It is important to note that it is sometimes difficult to detect leakage only visually immediately after forming. To clearly visualize the liquid leaks, it may be necessary to wait &gt;25 minutes.</p>		<p>Technology provider with advanced detection systems With solutions already available on the market Customer Service (SAT) Capability</p>		
Keywords	#deteccion #vision			
Key indicators	KPI #1 90% leak detection and segregation	KPI #2 Max. 2% false positives	KPI #3 Positive ROI	



# SPIN OFFS EMPRESARIALES

## CHALLENGE FORMULATION