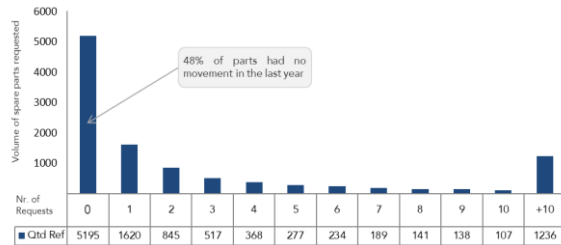


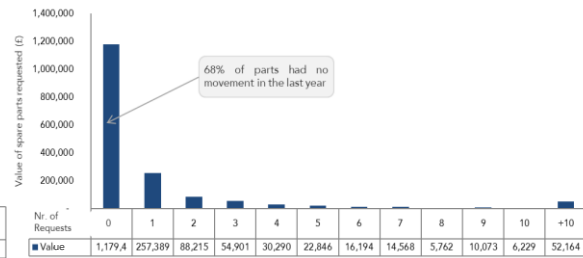
Spare Parts Planning

PICTURES BEFORE

Volume of Spare Parts and Number of Requests



Value of Spare Parts and Number of Requests



PICTURES AFTER



Spare parts classification system

No. of References

Part Criticality	< 10€	10€ - 50€	> 50€
C	262	58	18
B	460	112	45
A	3767	2100	2839

Turnover Days Average

Part Criticality	< 10€	10€ - 50€	> 50€
C	68	15	14
B	97	22	21
A	73	17	17

Stock Value 6th June 2013

Part Criticality	< 10€	10€ - 50€	> 50€
C	3.142	3.044	6.829
B	6.798	9.458	21.879
A	92.370	17.4954	1.261.460

Stock Value Future Forecast

Part Criticality	< 10€	10€ - 50€	> 50€
C	0 (-100%)	0 (-100%)	0 (-100%)
B	1.481 (-78%)	4.597 (-51%)	14.219 (-35%)
A	40.625 (-56%)	100.467 (-43%)	1.061.947 (-16%)

Stock composition



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Problem

- 48% of spare parts stored were not consumed over the past year
- 68% of the value of spare parts was not consumed over the past year
- 150 requisitions per day for spare parts
- 60% of spare parts have a supply Lead Time of 1 to 3 weeks

Root causes

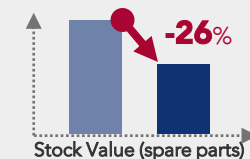
- Replenishment of spare parts done in an ad-hoc way, depending on experience and a gut feeling
- Lack of structured information for stock analysis
- Low level of process automation contributed to errors

Solution approach

- Creation of an information structure that allowed for the classification of parts according to criticality and consumption
- Implementation of Replenishment Levels for each part, to be updated automatically based on consumption from the last 36 months
- Implementation of Safety Stock to guarantee 99% parts service level
- Spare parts with low consumption are not managed through Replenishment Levels but through just-in-time ordering
- Study of suppliers to define the delivery Lead Times with precision

Benefits

Savings
479 K€



Stock Value (spare parts)