

Insurance Industry

CASE STUDY

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Key Facts

Sector Insurance Industry

Category Investigation of Electronic Equipment

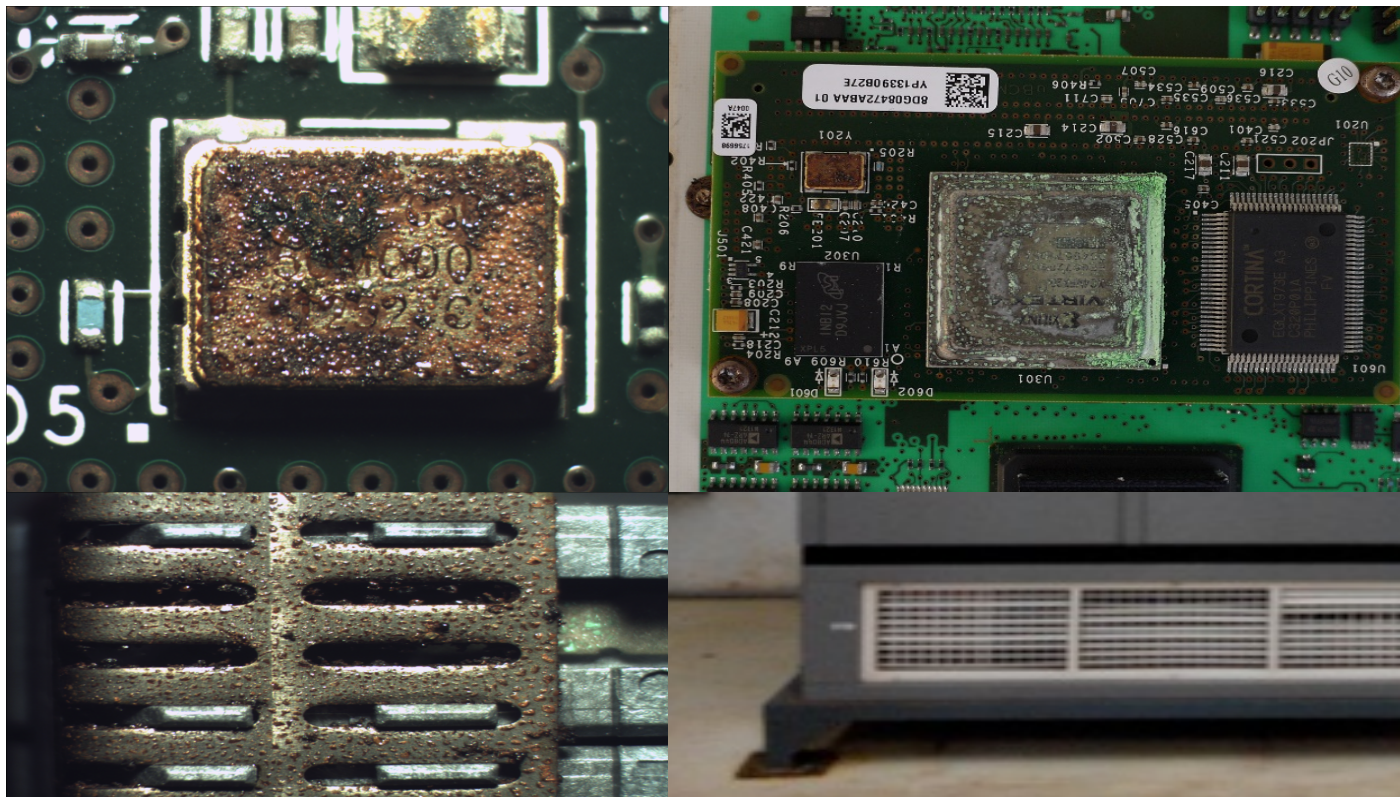
Problem

- To determine the possibility of exposure of these models to corrosive elements such as chloride ions and sulphur, on account of acid fumes.



Diagnosis

- The deposits clogged between the IC legs are containing Aluminium and chloride/oxide indicating their ingress from corrosion of aluminium chassis portion. The entrapment of extraneous may lead to short circuiting of the legs leading to malfunctioning / failure of IC.
- The samples selected from Alcatel, Ciena and Cisco models all indicate presence of extraneous powdery deposits and scale



Solution/Recommendations

- The source of corrosive species leading to deposition and scaling on PC boards thus appears to be the chloride ions from the aggressive environment.

Contact Us

If you are interested to learn more about TCR Advanced,
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