

APPLICATION NOTE - TROUBLE PAD

<i>Business sector</i>	<i>Application</i>	<i>Product</i>
Electronics	Component manufacturing	Trouble Pad

- Context:

Exxelia owns several production sites in France (cf <http://exxelia.com/en/group/about-us>). The site at Chanteloup en Brie manufactures electronic components (capacitors, condensers...) using high-end manufacturing lines.

- Issue:

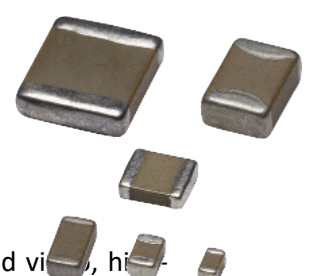
To ensure the stability of the base plates on which the components are placed.

- Objectives:

Adjust machine positioning, improve machine tuning, stabilise motion, avoid jolts.

- Keywords:

Dysfunction, electronic components, capacitor, condenser, high speed, high-speed video, high-speed camera



In order to achieve high-quality production, the technicians must ensure that the line is not disrupted by sudden movements. These movements do occur however, and in a random manner.

Trouble Pad enables these movements to be seen, even though they are invisible to the naked eye. The maintenance technicians have access to slow-motion images of the mechanical parts as they move. This means they can locate the defect precisely, even in tight spaces within the machinery.

The source of the disruptions can therefore be identified and quality improved.



- Conclusion:

Thanks to Trouble Pad and in particular its compact size, motion detection makes it possible for technicians to correct the defects quickly, reducing stoppage time. EXXELIA has been using Trouble Pad at this production site since 2018.