



KAMA INDUSTRIES

MODERNISING DRAWING MANAGEMENT



ABOUT

Founded in 1989, [Kama Industries](#) manufactures audible and visual signalling devices, including motorised sirens, beacons, explosion-protected equipment, and custom-designed units.

The team designs, develops, and supplies products for industrial environments where reliability and precision are essential.

Moving from hand-drawn machining and manufacturing drawings to digital models was a strategic step to increase accuracy, accelerate iteration, and support modern supplier workflows with standardised 3D exports.

CHALLENGE

Drawings used for manufacturing purposes were originally hand-drawn on paper, so any amendment required the entire drawing to be redone. Rapid prototyping could not be performed in-house because there was no software to create part files, STEP files, or STL files.

SOLUTION

Implementing [SOLIDWORKS Professional](#).

RESULTS

- Update a machining drawing in five minutes, not two hours.
- Create and modify all manufacturing drawings in SOLIDWORKS.
- Enable 3 teams with accurate, current drawings for operations.
- Provide 2 export formats, STEP and STL, for supplier RFQs.

“ Using **SOLIDWORKS**, I updated the drawing, saved a PDF, and sent an updated STEP file. The process took five minutes, not two hours. ”



Andrea Trentini
Design Engineer