As the number of options for fabricating precision micro parts grows -- from precision turning and multi-axis machining, to ceramic and metal injection molding and precision stamping -- innovation in manufacturing technologies offers the opportunity to re-evaluate traditional manufacturing processes.

For example, a Precipart customer for industrial printing and coding technologies requested our help with a precision component that consisted of three machined and sub-assembled parts.

From the outset, we considered ways of re-designing the three machined parts into one single component using alternative fabrication methods that are more practical and economical, hence saving cost in manufacturing while reducing the number of components and steps in the process chain.

For us, like many in the Swiss precision manufacturing community, it’s the kind of thinking and approach to problem-solving we apply every day.