GET MORE OUT OF YOUR EQUIPMENT

How one customer used a Managed Service solution for VIIsta™ ion implanters to meet tool uptime commitments and reduce variability
To increase overall productivity time across its fleet of implanter tools, one customer asked Applied engineers to perform data analytics using Applied’s proprietary field service server (FSS).

**Findings include:**

1. The tool’s arc-to-beam current ratio was **too high**
2. Gas flow was **too low** compared to reference data
By optimizing the recipe parameters—

The **time** needed for the procedure was cut in half, from **6 minutes** to **3**

The beam-tune **success rate** went from **75%** to **100%**

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The beam-tune time was driven down for all tool recipes, and the beam-tune success rate was increased.
Implant Applied Managed Service can deliver **significant improved productivity** to customers who use Applied Materials VIISta ion implanters. Benefits include—

1. Greater wafer output
2. Increased uptime
3. Reduced variability across a fleet of tools
4. Greater ability to identify and address difficult problems
“Because our customers’ success is really our success as well, we are committed to providing a rich, diverse offering of services to help customers get more out of their equipment as quickly and cost-effectively as possible.”

Jeremy Read, Vice President of Services Marketing and Business Development, Applied Global Services

The new Managed Service offering is part of a broad and ever expanding portfolio of flexible, innovative service products designed to ensure that customers’ Applied tools and fabs run as efficiently and productively as possible.

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