

# PRESS RELEASE

## AMS Technologies Presents Compact, Semi-Automated Optical Fiber Splicer CAS-4100 Series

**Martinsried, July 3, 2012 – One Step Splice and Fibre Polish: Compact, Semi-Automated Splicers for Standard and Specialty Fibers from 80 µm in Diameter – Designed by VYTRAN for use where space is at a premium.**



CAS-4100 and CAS-4100-P are new-generation, compact, semi-automated splicers that produce high-strength, consistent splices quickly and efficiently. CAS systems feature a unique design, advanced imaging capabilities and programming flexibility. They are ideal for development applications and cost-effective, high-volume production, including three-shift manufacturing. CAS-4100-P is tailored for polarization maintaining (PM) fibers.

At the foundation of CAS-4100 systems is Vytrans' proven filament fusion technology – the industry's most reliable method for creating high-strength, low-loss splices. These splicers also utilize True Core Imaging™, a high-resolution imaging system that enables fast, accurate, inner-core alignment and splice loss calculation. In both CAS-4100 and CAS-4100-P, all components, including the imaging system, computer and a large folding display, are embedded into the splicer, reducing the space required by more than a factor of three. A newly designed graphical user interface (GUI) offers two modes of operation. The first, development mode, allows complete process configuration and control. The second, manufacturing mode, is an ultra-simplified GUI for production operators. All splice-related information can be exported via an ethernet port for statistical process control.

### Features & Benefits

- Compact – Designed for use where space is at a premium
- Low-loss, high-strength splices
- Fire-polishing – Enhanced splice strength
- Automatic high-accuracy fiber inner core alignment
- Accurate splice loss estimation
- Splice database optimizes production processes

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We thrive by working in a 'customer first' environment. Our pan-European customers are serviced from a network of local offices in Germany, the UK, France, Italy, Spain and Norway, with a focussed operations and logistics centre located in Munich, Germany. For further information about AMS Technologies please look at **[www.amstechnologies.com](http://www.amstechnologies.com)**