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## Prima Power at EuroBlech 2016 - Welcome to Prima Power Digital Manufacturing World

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Prima Power has been at the forefront in digitalizing sheet metal manufacturing for many years, and this continues to be a fundamental drive in software products development. The main goals of digitalization are transparency, real-time and dematerialization of the production.

*“Interconnected products are part of our DNA, - explains Ivana Montelli, Product Manager for Software at Prima Power - “with our deep experience in complex manufacturing systems, integration and data communication between different systems and with the customer’s factory and organization has always been a key factor for our products. We have continued to evolve our software following this direction and in our Digital World and Digital Service Area at the EuroBlech we present a full array of solutions for smart manufacturing, covering different domains of industry 4.0. This means being ready not only for today’s but also for tomorrow’s production needs”*

**Tulus® Cell (Bend, Punch, Laser, Combi)** shows the machine task list, where all the needed manual operations are clearly indicated and also shows the NC programs which the machine will run. During the production run the machine generates information on a large number of events which are analyzed using the Prima Power reporting software (**Tulus® Performance Reporting** and **Tulus® Production Reporting**).

**Tulus® MUPS** is a Machine User Personal Assistant, which allows the operator to remotely see the status of the machine for the preparation of manual tasks, e.g. tool change and material preparation.



Production orders are transferred from ERP to **Tulus® Power Processing** system in a digital format, where the order is diversified into the right places. Some of the parts are programmed, and some may be ordered, for example, from sub-contracting. Parts to be programmed are transferred directly to the programmer's task list, where they can be nested to sheet using required criteria. The orders can include parts, products with the whole product structure, parametric parts etc. NC programs are transferred to the machine load calendar with the information needed, where they move to the machine task list, either automatically timed or manually transferred. Ready parts, materials used and the various work stages are reported to the higher-level systems. Manual work steps are managed with **Tulus® Terminal** which shows the tasks to be done to the operator. With **Tulus® Terminal** the operator reports to the higher-level system.

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High-resolution illustrations are available in the Download section of the Prima Power website (<http://www.primapower.com/downloads>)

For more information please contact:

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#### About Prima Power

Prima Power is a world class supplier in the high technology field of laser and sheet metal fabrication machines. Its product portfolio is one of the most comprehensive in the field and includes: laser machines for cutting, welding and drilling, turret punch presses, combined punch/shear and punch/laser systems, press brakes, panel benders, bending centres, and flexible manufacturing systems (FMS).

Prima Power is the Machinery Division of Prima Industrie, a Group with over 1600 employees across the globe, manufacturing plants in Italy, Finland, USA and China and a highly specialized sales and service network in over 80 countries.