A DUE: Sugar dissolving • Final beverage storage Emptying and mixing • Deaeration and homogenization Plant sanitization • JUICY TECHNOLOGY SINCE 1967 • In line blending and carbonation Minor ingredient • Fruit pieces • Granulated sugar handling Fruit slurry pasteurization • Concentrate handling Control room • SPARKLING IDEAS Final drink carbonation • Stabilizers dissolving Final beverage mixing • Sugar syrup • ITALY Pasteurization • Aseptic process In line dosing and mixing • Water treatment

A DUE: designs, manufactures and installs processing plants for the preparation of the following products:

- finished syrups and syrup concentrates;
- carbonated beverages (CSD);
- non-carbonated beverages (NCB);
- fruit juices and tea drinks (clear);
- juices with fruit pieces, pulp and fibres (slurry);
- energy, fantasy and functional drinks;
- non-alcoholic beer.

Moreover:

- water treatment plants (EASY.Water);
- CIP washing units (EASY.Clean);
- Supervisory Control and Data Acquisition (SCADA) systems (EASY.Drive).

A DUE: with over 50 years' experience is able to provide a proper solution to satisfy any customer need:

- starting from the raw materials (sugar, powders, concentrates, juices, etc.) receipt and treatment up to the final processing of the beverage (or concentrate) with further transfer to the filling area;
- connection interface with various types of filler (PET, CAN, CARTON, GLASS, POUCHES, Bag in Box);
- supply of the service equipment (Boiler, Chiller, Tower, etc.) and respective distribution systems.

A DUE: is able to provide plants with output capacity ranging between 4.000 l/h and 30.000 l/h, available in the following versions:

- fully automatic, with EASY.Drive module to manage all preparation phases;
- semiautomatic, with recipe management assistant SW;
- manual, assuring practical and functional lay-out and reduced operation time.

A DUE: offers a wide range of solutions to suit the needs of the process industry, from the production of juices to the preparation of beverages and other food products. The company is committed to providing high-quality, efficient, and reliable solutions that meet the demands of the modern food and beverage industry, offering customers peace of mind with their extensive experience and expertise.
Thanks to a team of qualified professionals specialized in Beverage Processing, A DUE develops and implements customized management programs using its own SCADA or the most widespread platforms (Siemens WinCC TIA Professional, Wonderware/System Platform, Rockwell Factory Talk, etc.), according to the following drives:

- intuitive management, according to thematic areas, for immediate understanding by the operator;
- access control and management of different access level operators’ passwords by means of LDAP protocol;
- data acquisition with Client-Server architecture and with redundant Servers;
- operational reporting to service the production and/or maintenance managers;
- data sharing through corporate networks;
- easy integration with the other existing SCADA installations;
- traceability and total control of the beverage preparation process, including management of the trends, alarms, log-events, process and plant parameters;
- connectivity of the customer: remote access, through tablet PC or smartphone;
- assistance provided by A DUE technicians through remote access via VPN;
- active diagnostics for fault management, plant alarms, trouble-shooting and planned maintenance;
- plant intelligence pack, for ingredients consumption and service fluids and energy demand counting, with calculation of plant OEE performance (KPI indices or availability, quality and yield performance).