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GoalArt Workshop at ABB User's Group Meeting

GoalArt, the developer of the world-leading technology for alarm reduction and root cause analysis, hosts a workshop and training day at the ABB User's Group Meeting in Albuquerque, New Mexico, June 3rd 2008. The User's Group Meeting brings together electric power grid companies and organizations from the world for a four-day workshop on network management systems and software.

The User Group is an independent organization of ABB customers. They arrange a bi-annual meeting, where operators meet to exchange experiences, learn about the latest technology, and provide input to ABB products and systems. GoalArt will hold a one-day workshop and training course, as well as give several technical presentations. Work is ongoing to make GoalArt a plug-in function for ABB control room software.

"Today, quick diagnosis of power systems outages is of paramount importance. To improve real-time situation awareness, ABB has chosen to integrate the GoalArt software into the baseline Network Manager. For that reason, I believe that managers, engineers, and dispatchers should become familiar with the theory behind the GoalArt software and its capabilities," says Luis Cabeza, meeting organizer representing Austin Energy.

GoalArt has revolutionized artificial intelligence methods, and made it possible for diagnostic software to pinpoint the origins of nation-wide blackouts in a few seconds. This technology enables power transmission companies to manage problems before they turn into national blackouts, and allows for faster restoration of power in blackout areas.

In one case, GoalArt's software analyzed the origin of the August 14th 2003 blackout in the Eastern US and Canada. This event is the world's largest blackout so far, and cost some 4 – 10 million USD and 0.7 % of the GDP of Canada.

GoalArt's software correctly pinpointed the three power lines that short-circuited to trees, *during the hour before the blackout.*

 "During the 2003 blackout, there were thousands of alarms. In tests, our system identifies three – the three real faults," says Jan Eric Larsson, President and CEO of GoalArt. "This will make it possible to avoid some of the big blackouts that will otherwise be waiting for us in the future."

For further information, please contact

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GoalArt
GoalArt develops software that helps operators and maintenance personnel of industrial systems and complex technical products to understand and manage fault situations in a safe and efficient way. GoalArt's technology works in several areas:

- Alarm management and fault diagnosis as a help for operators and maintenance personnel of large industrial plants, for example, power grids, conventional and nuclear power plants, chemical industries, pulp and paper, steel mills, etc.
- Alarm analysis and fault diagnosis for complex products, for example, medical equipment, vehicles, airplanes, and airport systems, that is, products where a large amount of information is stored and needs to be analyzed in fault situations.

GoalArt was founded in 2000, and is based on unique research results in artificial intelligence from Lund University, Sweden, the Danish Technical University, Denmark, and Stanford University, California. The technology is world leading in alarm management and fault diagnosis. GoalArt is located at the Ideon Science Park in Lund, Sweden, and has active customer contacts in Scandinavia, Europe, USA, South Africa, and Dubai. For more information, please visit www.goalart.com.

ABB User's Group
The User Group is an independent organization of ABB customers. The ABB User's Group Meetings are held several times a year in various locations throughout the world. These meetings provide a forum for customers to become better educated on the use of ABB products, exchange valuable information, and present ABB with product enhancement ideas. Currently, there are active meetings in the United States, Nordic Region (Sweden and Norway), Germany and the Middle East. The current chairman of the North American User's Group is Brian Hurysz, New York ISO.