

TrueView™

VISION GUIDED ROBOTIC SYSTEMS

Fully Engineered. Proven.

PROVIDING SOLUTIONS, CHANGING INDUSTRY



Vision Guidance Software
by Braintech



TrueView Vision Guided Robotic Systems... ...Changing manufacturing in ways you could only dream about.

*"ABB introduces **TrueView** Vision Guided Robotic (VGR) systems. Packed with award winning technology, engineered for total systems reliability, **TrueView** systems help customers achieve new levels of manufacturing efficiencies and profitability."*

The Value of Vision

ABB has VGR systems working in customer plants and each and every system is significantly improving the bottom line. Manufacturers have already confirmed:

- **Improved ability to meet market demand for flexibility to deliver new models**

- many part types per line

- **Reduced capital expenditures**

- no need for expensive precision dunnage
- no need for precision fixtures or positioners

- **Reduced labor costs**

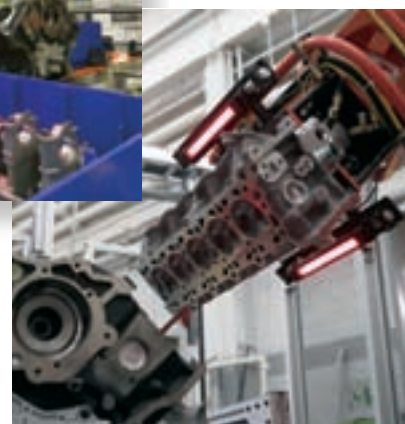
- lowered number of plant workers per cell
- lowered number of ergonomic injuries

- **Improved quality control**

- reduced part contamination and damage
- on-the-spot visual inspection for every part

- **Improved supply chain management**

- 100% visual inspection and real-time reporting



LOCATE, INSPECT, HANDLE, TRANSFER, ASSEMBLE... & PROFIT.



**INNOVATIVE SOLUTIONS
FOR COMPLEX APPLICATIONS**

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TrueView "Proven Technologies from a Single Source"

ABB's partnership with Braintech provides customers with a truly integrated and certified VGR solution including high speed robotic communications and "Plug & Play" operation. TrueView has been designed to be a complete system that is simple to train, easy to operate and even easier to scale. Plus, TrueView is the only VGR system with:

- SC3D™: patented, award winning, single camera, three dimensional vision guidance technology
- eVisionFactory™: a uniquely designed software platform (figure 1) allowing standardization of deployment, training and support throughout the manufacturing enterprise

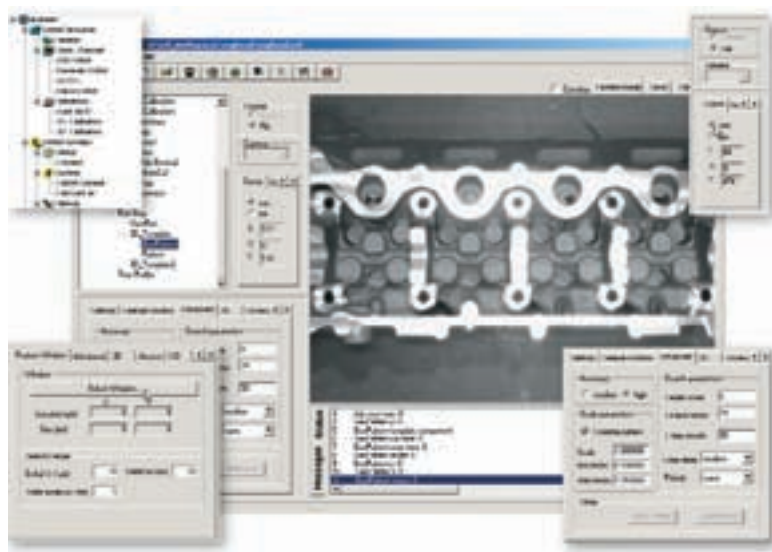


Figure 1: eVisionFactory



ABB & Braintech
VISION GUIDED ROBOTIC SOLUTION

WINNER

2003 HENRY FORD TECHNOLOGY AWARD
for the Development & Implementation of 3D Vision Guided Part Handling.

What are you doing to stay ahead of the competition?

TrueView will forever change the way you think about robots. The fact is, **TrueView** can now "see and react" in a changing factory environment...and that changes everything. When you consider the savings in hard automation, precision dunnage and a lifetime of maintenance, the decision is clear.

*TrueView is a trademark of ABB and SC3D, eVF and eVisionFactory are trademarks of Braintech Inc.

TrueView INTEGRATED VGR TECHNOLOGY...ONLY FROM ABB



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