

Technical information

C-03: Difference from other image processor products/ Position MAP

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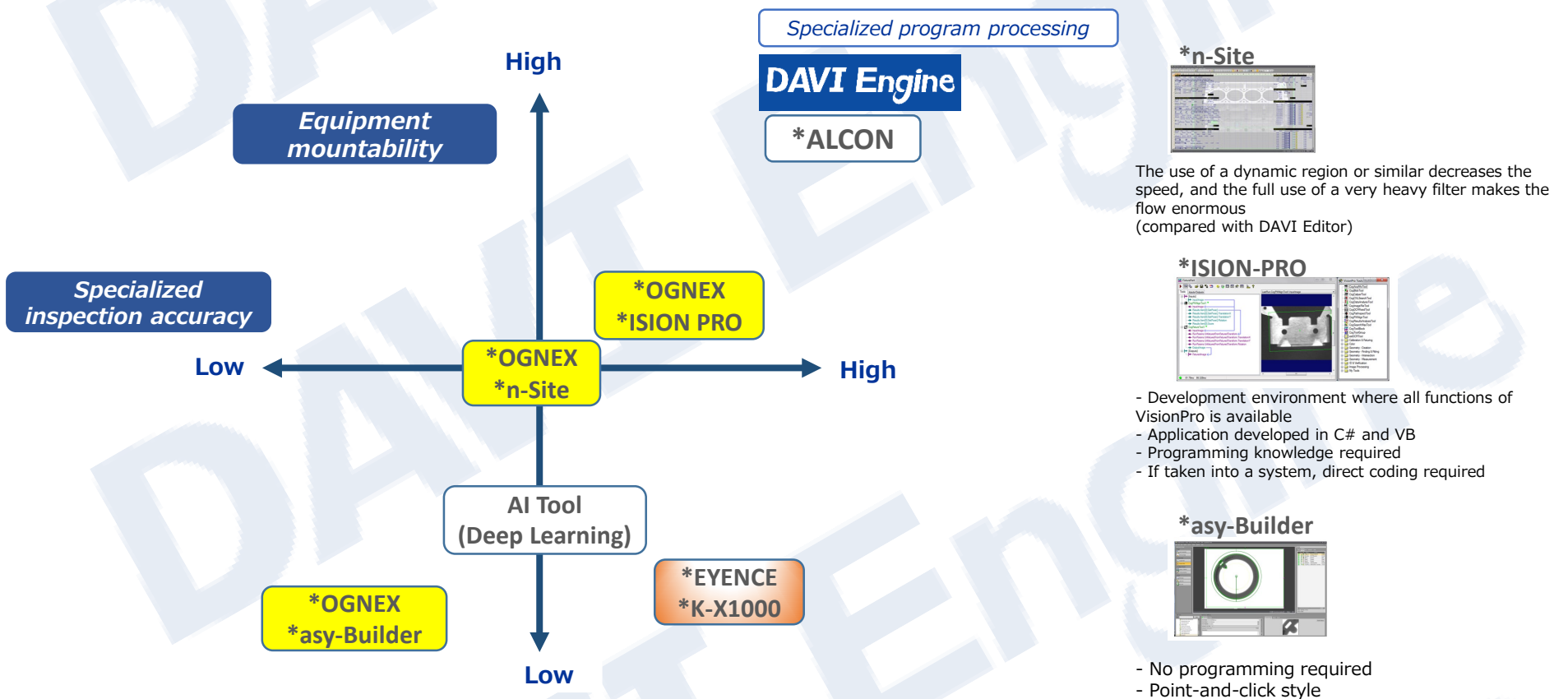


NOTE: This material explains the strategic position we aim at in the industry considered from our own viewpoint of application of our machine vision products to automatic visual inspections.

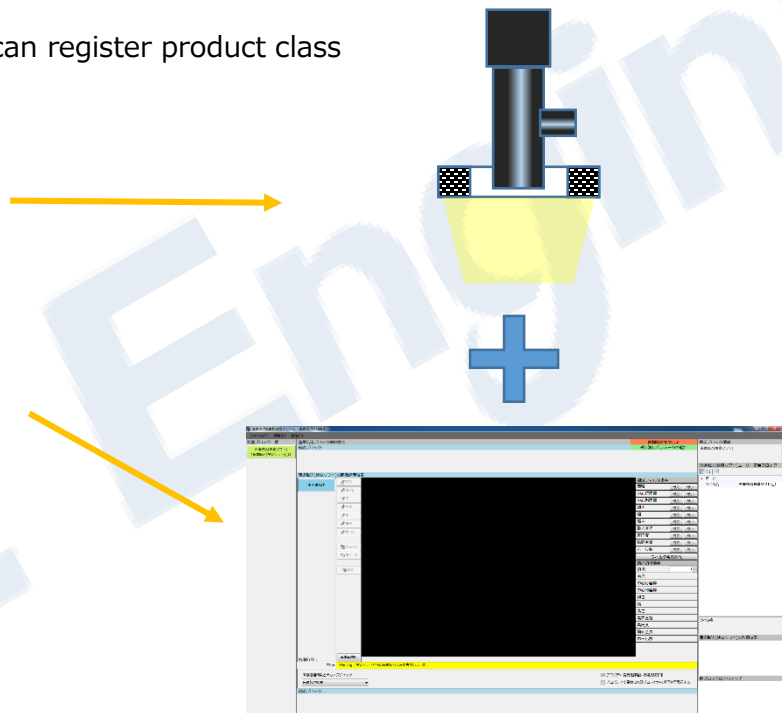
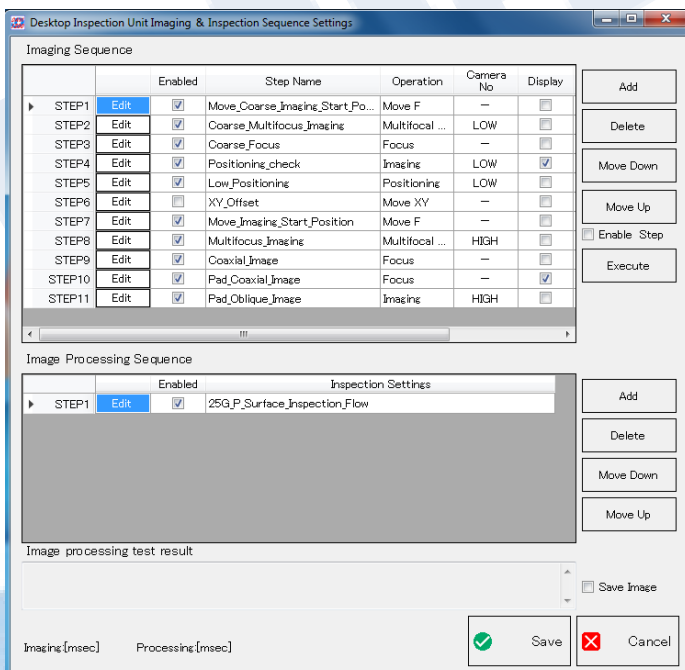
It indicates differences from competitor products, but never the limits of individual product's performance or abilities.

● Equipment mountability and specialized inspection accuracy

Demonstrates the adaptability of various output interfaces for automatic inspection equipment and inspection lines and the optimality, strictness, and trace performance including the dynamic optical conditions required for improved detection processing speed and inspection accuracy of the object as well as their accuracy.



Features of **DAVI Engine**
 Imaging & image processing integrated system
 Simultaneously controls imaging conditions and image processing, and can register product class

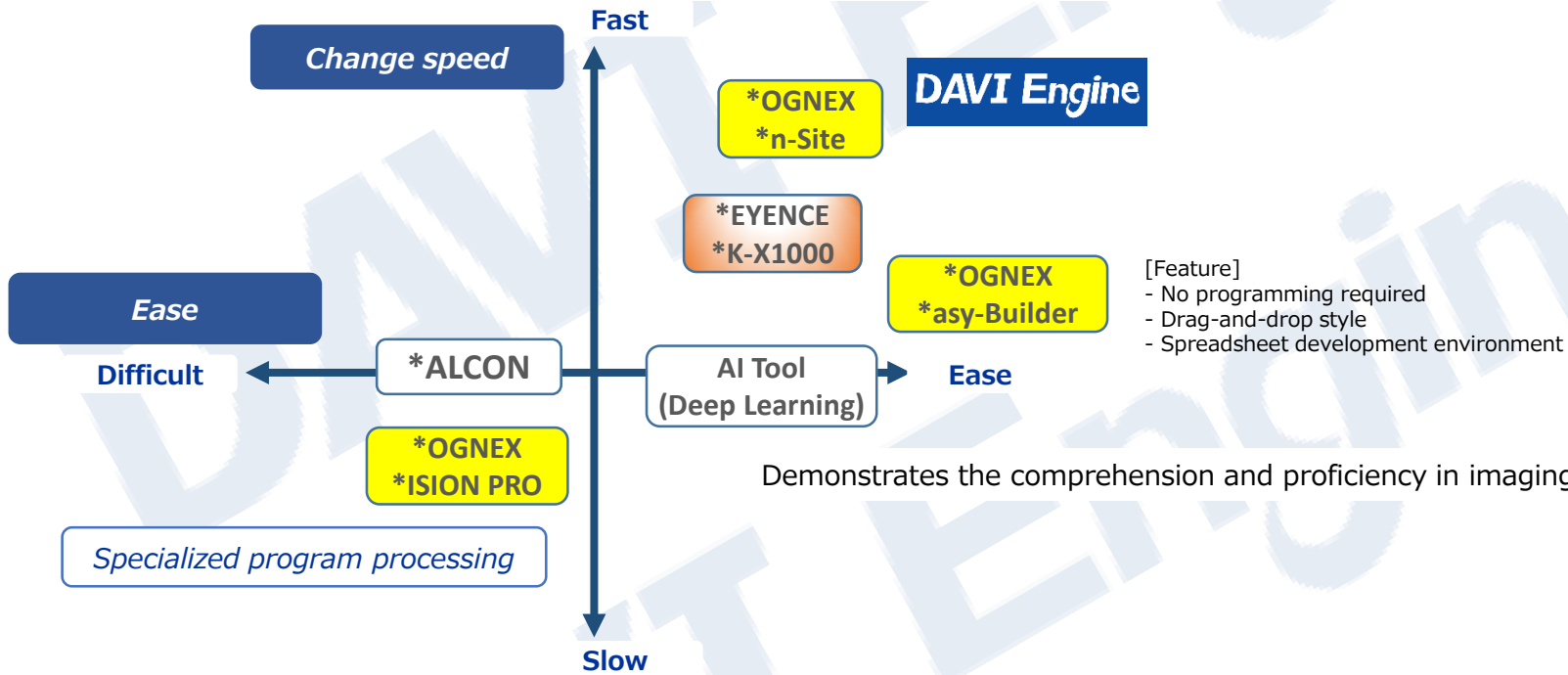


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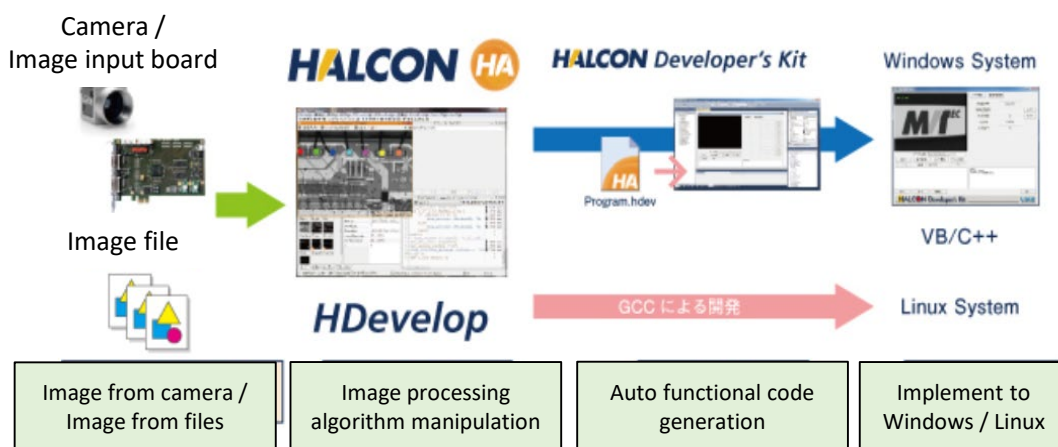
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● Response speed at product class change and ease

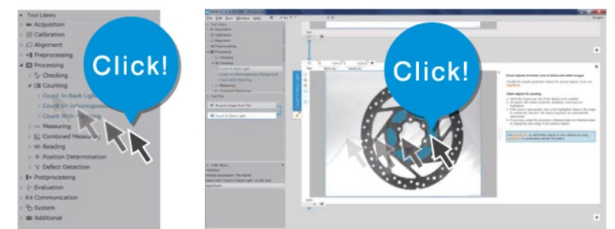
Comparison in newly setting the products subject to visual inspection from scratch.



● Comparison on HALCON platform



✓ The chart below is cited from LINX website
LINX HALCON MELLIC (image processing tool)



画像処理の専門的な知識やプログラミング経験がなくても、直観的なマウス操作のみで画像処理のアルゴリズムを構築いただけます。

	Developer's kit	MELIC	DAVI Editor
Algorithm construction	Programming	Easy: flow form	Easy: flow form
HALCON library	Available	Available	Available
* OGNEX library	—	Not available	Available
AI (deep learning) library	—	—	Vidi available
Imaging condition library	—	—	May be combined
Disadvantage	Programming required	Limited functions to use	There are undisclosed functions