Active Silicon COMPUTER IMAGING PRODUCTS

Active Silicon

- The Company
- Frame Grabbers for VisionPro[®] and CVL[®]
- Support and Contact Details

Presentation for **COGNEX**

December 2011

Corporate Information



- Founded in 1988
- Privately owned (100% by the management team)
- 25 members of staff
- Headquarters in West London, UK
- Subsidiary, Active Silicon, Inc., Maryland, USA
- Certified to ISO 9001:2008
- Dun & Bradstreet Rating 2A-1





Three areas – design and manufacture of:

- Video acquisition products "frame grabbers"
- Camera interface modules
- Embedded systems

Notes from Active Silicon:

- Essentially we provide the building blocks for image processing systems from data transmission at the camera end ("camera interface modules") to the acquisition at the host end ("frame grabbers"), as well as custom embedded systems for image processing.
- For Cognex VisionPro and CVL, the key products are the frame grabbers.



Product Families



• Frame Grabbers

- Camera interface modules
- Embedded Systems

Notes from Active Silicon:

A few photos to see what the products look like.



Markets



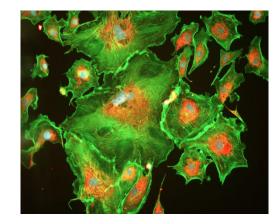




Medical



Life Sciences



Security



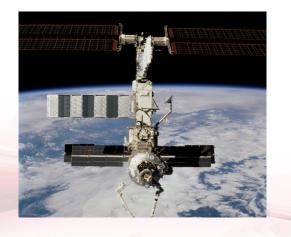
Defense



Avionics



Aerospace



Broadcast



Notes from Active Silicon:

• We sell into many markets, including key markets in which VisionPro has many applications such as Machine Vision, Medical and Life Sciences.



5

What differentiates us...

... from our competitors?

- Active Silicon
- Wide range of frame grabbers Camera Link, LVDS, HD-SDI and CoaXPress.
- Wide operating system support all 32/64 bit variants of Windows, plus support for all flavors of Linux, 32/64 bit.
- Specialists at high speed DMA with zero CPU usage.
- Highly responsive support.
- Longevity of product supply.
- One of the original three founders and developers of CoaXPress.

December 2011

Notes from Active Silicon:

- We also support specialist real-time operating systems such as QNX and VxWorks, though this is not relevant for VisionPro.
- For a primer on CoaXPress, see the article written by Active Silicon in Vision Systems Design http://www.vision-systems.com/articles/print/volume-16/issue-1/features/emerging-standards.html



VisionPro Software Adapter

Information and deliverables from Active Silicon



Dedicated webpage for VisionPro here –

www.activesilicon.com/frame-grabber-drivers-for-cognex-visionpro.htm

Webpage contains:

- Table of supported frame grabbers
- Full datasheets on supported frame grabbers
- Active Silicon's driver VisionPro Adapter
- User Manual, Quickstart Guide and Press Releases
- All the above available for immediate and free download

	Active Silicon VisionPro Software Adapter
_	User Manual
A 1944 C LOUCE 1980 Vesat B Coztil	
kstart Guide - Soft	ware Adapter for VisionPro
beard anothe Cogree	ation avariage lawrawn ac fylliae faktor Phone (społber dych a posterity / Astronomic Name, społber dych a posterity / Astronomic Name, dr. action favor far all technical and unais a uppot.
2) Requirements Operating System: Software: Burtware: Orivers:	Windows 7 2004 fbs: Windows Vista 32546 bit , Nindows 2008 arX 827 Vision Fin 7 2 and allows Artists: Elister Elister Weyl (2004) Artists: Elister Elister Visions (Elister of BF) and allows
3) Installing the Vi 1. Easer that Visco Pic	
 Ran Vanis settaji ana ani Configuration Sian Bary download on Fran Activ Document/Active Sia Sialech/Phoemo/Phoe configuration Re Sary 2. The Phoenis candwill b configuration Re Sary 2. The Phoenis candwill b configuration Re Sary 2. The Phoenis candwill b configuration	Children für unseinen instructions om cammer will bei supplieden the Phones Children Filip Selscon - Edit her Netwoork/OPAC on 'doorden car/Phones/VPRQ' in Windows 7 and "No Documentalistics instructions VPRQ' in Windows 7 and "No Documentalistics
4) Phoenix Vision	
4) Phoenix Vision The Phoenix Vision from ether the Cogne	e manufaces accessible kandsmally of the Provencionals Vience Provencional Frédoria gelatifie Provencional de la configuration fine should an Premitie Jay Central accordinguistico fine should an



Contact Information



Europe

Tel: +44 1753 650600 Fax: +44 1753 651661

Web: www.activesilicon.com

Active Silicon Ltd

Pinewood Mews Bond Close Iver, SL0 0NA United Kingdom

North America

Tel: +1 410-696-7642 Fax: +1 410-696-7643

Web: www.activesilicon.com

Active Silicon, Inc.

479 Jumpers Hole Road Suite 301 Severna Park, MD 21146 USA

