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| **Press release** |  **December 16, 2020** |
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Allied Vision and Connect Tech Partner to Streamline Development of AI Vision Systems

Joint software and hardware solutions reduce the overall development time for NVIDIA applications requiring integrated vision sensors

*Stadtroda, Germany; Guelph, Ontario, Canada; December 16, 2020 -* Allied Vision, a Preferred Partner in the NVIDIA Partner Network (NPN) and Connect Tech Inc., an Elite Partner, announced joint development of new hardware solutions with pre-integrated advanced sensor technology. The Allied Vision MIPI Camera Board provides a streamlined approach to developers wishing to build and deploy advanced AI and machine vision applications. Designed to enable the transition to scalable production with minimal additional development, these pre-integrated hardware solutions come equipped with all necessary software for rapid market deployment.

**Integration of up to 6x Allied Vision MIPI CSI-2 cameras**Connect Tech’s Allied Vision MIPI Camera Board provides NVIDIA® Jetson AGX Xavier™ applications the ability to integrate up to six Allied Vision Alvium 1500 C or 1800 C camera modules directly to this small adapter board. For the fastest go-to-market strategy, the Camera Board can integrate directly with Connect Tech’s commercial carrier boards and thermal solutions. This bundle completes a ready-to-deploy hardware stack that includes a full compute system with verified vision sensors for an industrial-grade, streamlined deployment of AI applications.

The newly released Allied Vision MIPI Camera Board empowers streamlined development by providing software embedded into the carrier’s Board Support Package (BSP) that integrates any Alvium 1500 C and 1800 C sensors to the chosen JetPack SDK version.

Allied Vision, a leader in industrial and embedded vision solutions, has developed the Alvium CSI-2 camera series which provides a diverse lineup of sensor and housing variants for project flexibility. With cross-compatible software drivers, the Alvium CSI-2 camera modules can be interchanged on the MIPI Camera Board at any time without the need for additional development.

**One-stop solution for the NVIDIA Jetson platform**“Users looking to deploy MIPI CSI-2 camera modules on the NVIDIA Jetson platform now have a one-stop solution when determining their production design,” says Gion-Pitschen Gross, Product Manager at Allied Vision. “The entire Alvium platform is supported across the full line up of Jetson Developer Kits. Our partnership with Connect Tech allows us to provide solutions that simplify the process of developing a production hardware strategy.”

Connect Tech is NVIDIA largest Jetson ecosystem hardware partner with a vast offering of solutions supporting the entire platform. One of the first partners to develop hardware solutions upon NVIDIA Jetson’s inception, Connect Tech has continued to design products that enable projects to rapidly transition to field deployment.

 “Our experience developing solutions for the Jetson community has highlighted how vital sensor data is for the success of every Jetson system,” says Michele Kasza, Vice President Sales at Connect Tech. “This partnership with Allied Vision allows us to delve further into simplifying product development for our customers.”

NVIDIA® Jetson™ is the leading AI-at-the-edge computing platform with over half a million developers. With support for cloud-native technologies across the full Jetson lineup, manufacturers of intelligent machines and AI developers can build and deploy high-quality, software-defined features on embedded and edge devices targeting robotics, AIoT, smart cities, healthcare, industrial applications and more. Cloud-native support helps manufacturers and developers implement frequent improvements, improve accuracy, and use the latest features with Jetson-based edge AI devices.

**Allied Vision company profile**For more than 30 years, Allied Vision has been helping people to reach their imaging goals. Allied Vision supplies camera technology and image capture solutions for industrial inspection, medical and scientific imaging, traffic monitoring and many more application areas in digital imaging. With a deep understanding of customers’ needs, Allied Vision finds individual solutions for every application, a practice which has made Allied Vision one of the leading camera manufacturers worldwide in the machine vision market.

The company has nine locations in Germany, Canada, the United States, Singapore and China and is represented by a network of sales partners in over 30 countries. Allied Vision is member of the TKH Group.

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**Connect Tech Inc.**

Connect Tech is a hardware design and manufacturing company that specializes in rugged, small form factor solutions. Our products support a wide variety of industry standards including COM Express®, SMARC, Qseven, 3U VPX, and PC/104. Our peripheral solutions include Managed Gigabit and 10G Ethernet switches, NVIDIA® GPU solutions, Digital & Analog I/O, CAN Controllers, Multi-Port Serial, FPGA, Adapters, and Power Supplies. Additionally, CTI offers a line of Rugged Tablets. We have a nimble engineering team ready to engage in Custom Design when “off-the-shelf” is not an option. Connect Tech has built a global reputation for delivering quality, cost-effective devices backed by stellar customer support.

The tradition of providing flexible, cost-effective solutions is built on Connect Tech’s expertise in the design and manufacture of hardware and software. Yet innovative design is only part of the Connect Tech solution. We are driven by the belief that customer satisfaction is as important as a quality product. Connect Tech strives to build solid relationships with customers by providing superior support both pre- and post-sale.

It is Connect Tech’s goal to continue this tradition in the future development of innovative designs and to exceed the expectations of all customers with whom we come into contact.

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