KIBES®
SERVICES

Challenge

In a world of increasing complexity on vehicle functions, KIBES® provides a robust and reliable control platform. It's a challenge to realize your needed customizations in software and to get the most out of these products, fulfilling the high demands of your commercial vehicle. Sioux takes advantage of end-of-life challenges in a cost effective way.

Approach

Sioux Technologies has extensive knowledge about the MultiViu Professional and MOKI clusters, main vehicle control units and the multiplex units. We get the highest performance out of these products by pushing the hardware limits in a reliable way. We support OEMs and automotive suppliers with developing, building and integrating KIBES 32/KIBES 5 software.

We bring high-tech to life

Sioux is specialized in system development and integration of embedded software and hardware applications for the automotive industry. We develop, integrate, test & deliver (sub)systems and produce customized products. Sioux is a recommended system partner of Continental.

> ### 'Sioux experts optimally translate our needs into state-of-the-art KIBES software solutions'
>
> *Menno Kleingeld,*
> *managing director VDL ETS*

Sioux expertises

ELECTRONICS ARCHITECTURE	UX/UI DESIGN	VEHICLE INTEGRATION	END-OF-LIFE RESOLUTION	20+ YEARS EXPERIENCE
State-of-the-art electronic architectures using KIBES® products	Custom-made dashboard design to enhance the user experience	Integration of systems and functionality into the vehicle from concept to volume production	Replacement of the MOKI or ZR32 by the MultiViu Professional or ZR5	Recommended system partner in programming and integrating of KIBES® products

KIBES® competences

Sioux has all the competences in-house to develop your product.

- KIBES 5 / KIBES 32 component integration
- Software development for ZR, CBCU, Multiplex products and MultiViu Professional
- LogiCAD3/LogiCAD32 software development environments
- CGI-Studio/grADI design suites
- Enhanced tooling for software download and diagnostics on KIBES® products

Customer references

Integration of KIBES 32 HMI and multiplexing system

Based on the Continental KIBES 32/KIBES 5 product family, Sioux developed the multiplexing and HMI architecture for both existing and future bus/coach/truck product lines of a major European commercial vehicle OEM. Follow-up projects included requirements engineering, detailed design, implementation and integration of application software using LogiCAD (IEC61131) and CGI-Studio.

System integration and digital dashboard

Our customer is specialized in aftermarket vehicle solutions and is setting up a new business as vehicle manufacturer of innovative city buses. Sioux was responsible for the city bus its electronic architecture that enables integration of several electronic systems. A state-of-the-art fully digital dashboard design is created, developed and integrated according passenger car design and UX standards. Continental's proven MultiViu Professional 12"full color display and the ZR32 are used as basis.