

## Multi-axis control of DC motors.

**Getting the balance right with mechatronic systems involves the focus on a whole system and using modular motor system components for successful integration.**

The new educational website by maxon motor [drive.tech](http://drive.tech) showcases the latest technologies and applications in the advanced motion control world. Dr Urs Kafader's new article explains the process of getting the balance right in the critical motion control application of modern prosthetics.

Artificial limbs have rapidly moved into the world of advanced mechatronics. The synchronisation of multiple DC motors, sensors, transmissions and processors has become decentralised. The DC motors in these systems are required to fulfil an increasing number of functions that could soon encompass every human (or animal) movement. As such a huge variety of dynamics within the DC motor are required and modularity of components becomes a powerful ally. Each motor in these dynamic multi axis coordinated systems can now be locally controlled with real time field buss communication with full interpolation.

Visit [drive.tech](http://drive.tech) for full application white papers or contact maxon motor Australia on +61 2 9457 7477.

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The media release is available on the internet at: [www.maxonmotor.com.au](http://www.maxonmotor.com.au)



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