WHAT'S IN AN

EMG System?

Purchase Considerations for Research

FULL BANDWIDTH SIGNAL
Capture the **full EMG spectrum** – anything less will limit your scope

LOW NOISE ELECTRONICS
A noisy baseline will hide **small EMG signals** – if you can't see it, you can't use it

SYNCHRONIZED SIGNALS
Poor channel synchronization gives **false muscle timing** – don't be burdened by 'bad timing' when looking at **multiple muscles**

FIXED SPACING
EMG signal changes with electrode spacing – our patented **parallel bar design guarantees consistency**

LOW CROSSTALK
Disc sensors and large spacings are prone to crosstalk – get a clear picture with **10 mm spacing**

LOW ARTIFACTS
Motion and Static Artificats can **disrupt EMG data** – invest in technologies that **suppress** these disturbances

HIGH FIDELITY
Insist on **faithful signal presentations** – signal distortions, unwarranted filtering and dropped packets can obscure the truth

INTEGRATION OPTIONS
Leverage your lab equipment – **digital integration, analog connection, triggering, multiple file exports** and **SDK** options allow integration with other measurements

STABLE, RELIABLE, SCALABLE & ADAPTABLE RESEARCH-CENTRIC

Wearable Sensors for Movement Sciences


Neurological Disorders


Sports Performance


Rehabilitation and Gait

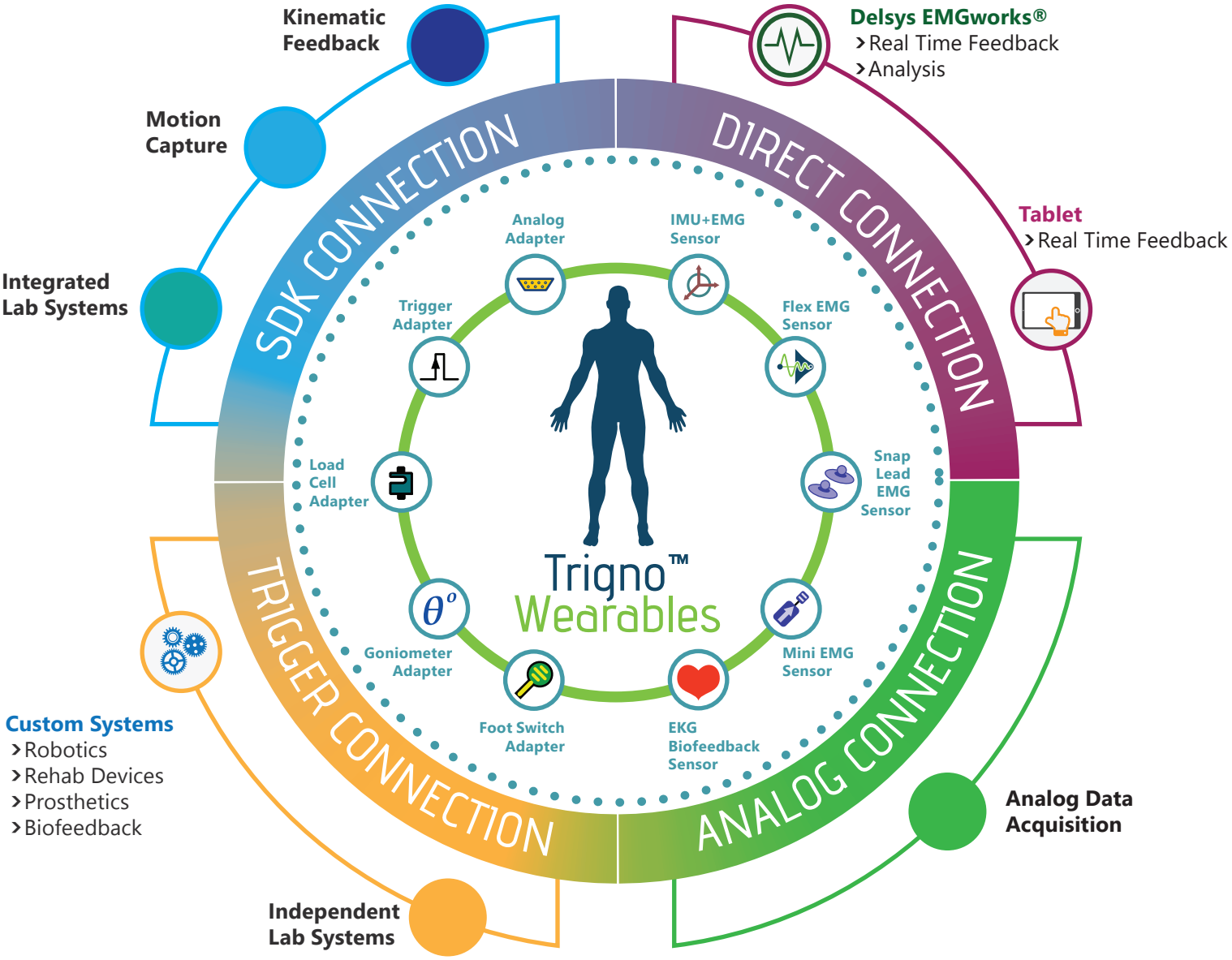

Robotics and Prosthetics


Motor Control

DELSYS®

Trigno™ Sensors

Stability & Reliability in a World of Constant Change



SDK CONNECTION

Integrated Lab Systems	Motion Capture	Kinematic Feedback
LabChart CED Spike LabView MatLab	Vicon Qualisys Motion Analysis The MotionMonitor Simi	EMMA IST Simi

ANALOG CONNECTION

Analog Data Acquisition
National Instruments MatLab PowerLab Force Plate

TRIGGER CONNECTION

Independent Lab Systems
BioPac LabView MatLab TekScan

Additional devices and software may be supported. For full details, please contact support@delsys.com.

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