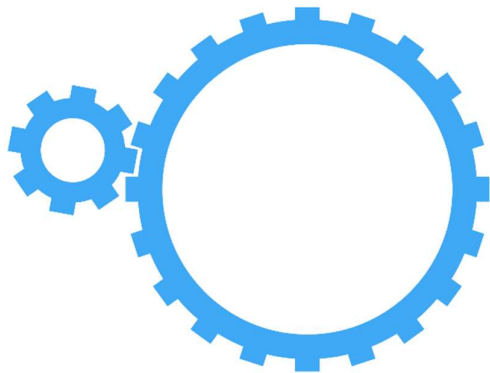


cmeta



EMG & motion

tools

SOFTWARE V.7.0

RELEASE NOTES



1. VERSIONS

FEATURES & FUNCTIONS	SOFTWARE VERSION			
	4.0	5.0	6.0	7.0
ACQUISITION				
Compressed Video				X
IMU FEATURES				
Offset Calibration	X	X	X	X
Magnetometer Interference calibration	X	X	X	X
Stride phases from IMU (virtual fsw)			X	X
Compatibility with External DLL for different IMU Custom Fusion				X
Online Custom fusion from external DII				X
Offline Custom fusion from external DII				X
Offline Reprocessing fusion for Joint Angles protocol				X
JOINT ANGLES		X	X	X
Real Time Joint Angles		X	X	X
3D stick man animation			X	X
Online Drift Correction		X	X	X
Automatic Sensor Assignment			X	X
Remote Acquisitions			X	X
Offline Drift Correction			X	X
EMG ANALYSIS				
Filters (Low Pass, High Pass, Band Stop)	X	X	X	X
Rectification	X	X	X	X
FFT	X	X	X	X
Smoothing	X	X	X	X
RMS		X	X	X
EMG Cycle Analysis from FSW		X	X	X
Fatigue		X	X	X
Wavelet			X	X
MVC			X	X
REPORT				
Word Report		X	X	X
Copy Analysis as jpg	X	X	X	X
EXPORT				
Export as ASCII file		X	X	X
Export of analysis as ASCII file				X
VIDEO				
Synchronized Video	X	X	X	X



2. RELEASE NOTES

Emg and Motion Tools 5

Version 5.0

- Creation and managing of Word Report
- Cycles Analysis and visualization

Version 5.3

- Real time computing of Joint Angles and wizard for the calibration

Version 5.4

- Memorization of the start position in a.jac file
- Joint angles from memory acquisition

Emg and Motion Tools 6

Version 6.1

- Restyling of the interface of the software
- Fatigue Analysis
- Wavelet Analysis
- Rms of Emg Signals
- Automatic assignment of the Imu for Joint Angles Protocol
- Integration of the Virtual Fsw: Gait Phases from Imu sensors

Version 6.2

- 3D Animation (stick-man) for joint angles protocol
- Drift Correction online and offline on file Viewer

Emg and Motion Tools 7

Version 7.0

- Compressed Video acquisition
- Online Custom Fusion from compiled library
- Offline Reprocessing from compiled library For Joint Angles
- Installer and uninstaller for external Dll plugins
- Extension of Fsw Threshold
- Mvc analysis: computing, saving in c3dd file, reader from other c3d file, normalize visualization
- Export of analysis as ASCII file



For any support request or question, please contact your local reseller or send a message through our website www.cometasystems.com, or send an email to sales@cometasystems.com.

