



Condition Monitoring with AI on conveyors (International Airport UK)

- Wireless Vibration monitoring (motor + gearbox + chain)
- Wireless Current waveform monitoring MCSA (Var. Speed Drives)



Use case: Back Bone conveyor monitoring Bagage Handling

iQunet.



Vibration Monitoring

Overview	Overview 2 Overview 3 Over
iQunet.	Diplo E Vibration I
	fa:17:93:f5: DipE_VB1
8887	a9:3c:09:39: DipE_VB2
0007	9c:e8:14:96: DipE_VB3
AlemX AlemY AlemZ Let See	b8:74:8e:1b: DipE_VB4
	Diplo E Master and Slave M
E01	



Wireless Motor Current Waveform Monitoring



Motor Current [A] harmonics detected

- Recommended actions:
 - Follow up anomaly trend in time
 - Follow up harmonics in freq. domain
 - If quick sustainable increase, prepare for motor repair





iQunet Anomaly Monitor ("engine" behind the dashboards)



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