



## SUMMARY OF KEY MESSAGES

- **NASA technology – really clever technology makes it really simple to use**
- **Easy to use**
  - Easy to interpret results
  - No need to interpret “wiggly lines”
  - Clear guidance on action required
- **Easy to install**
  - No on-plant cabling required
  - No access to plant required
- **Monitors condition of the electric motor as well as the driven equipment**
- **In addition to monitoring condition of equipment, Artesis provides information on plant operating conditions too (information on power consumption, phase angle and total harmonic distortion can allow plant efficiency to be optimised)**
- **Can monitor equipment in inaccessible locations, eg:**
  - submerged pumps in water industry, North Sea oil industry, etc
  - nuclear hazardous areas
  - toxic hazardous areas
- **Robust**
  - Nothing out on the plant
  - So not prone to damage from corrosion, mechanical damage, heat, vibration, radiation etc
- **Allows monitoring wherever you are – in the office, at another site, from home...**
- **Provides alerts to your staff to take action**
  - By warning on screen
  - By sending email
  - By sending text message
- **Easy to integrate with other systems, eg CMMS, to raise work orders**
- **Can support “power users” if you want**
  - Historical graphs, trends, etc available for easy analysis if required
- **Can be provided as an external service – to monitor and advise as required**
- **Inexpensive / great value**
- **Allows you to:**
  - Improve control over equipment performance
  - Improve plant performance
  - Improve control over maintenance work
  - Provide better visibility of equipment performance and condition
  - Reduce breakdowns
  - Respond more rapidly to plant breakdowns
  - Identify breakdowns more rapidly
  - Identify breakdowns before they occur
  - Fix faults more rapidly
  - Identify faults more rapidly



**SIMPLE, EFFECTIVE  
CONDITION MONITORING**

**“...IT SIMPLY WORKS”**