### 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

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**Why use Artesis for Condition Monitoring?**

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