Motors power every other piece of equipment in plants across all industries, and maintaining motor health helps prevent unscheduled shutdowns and minimize lost production time. Monitoring vibration improves the reliability of your motors and maximizes operational efficiency.

Key indicators of motor health
- Balance
- Looseness
- Alignment
- Bearing failure

3 common reasons motors fail
- Bearing wear
- Misalignment
- Incorrect lubrication

Protect your motors
- Identify early faults
- Extend equipment life
- Schedule repairs in advance
- Cost-effective machine maintenance
- Minimize lost production time

Recommended monitoring solutions

<table>
<thead>
<tr>
<th>Consideration</th>
<th>Solution</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bearing wear</td>
<td>Trend overall</td>
<td>PCH420V, PC420-ATP, 786A and iT300 786A</td>
</tr>
<tr>
<td>Alignment</td>
<td>Monitor 2x running speed</td>
<td>PCH420V, 786A and iT300 786A</td>
</tr>
<tr>
<td>Lubrication</td>
<td>Monitor for high speed energy</td>
<td>PC420-ATP, 786A and iT300 786A</td>
</tr>
</tbody>
</table>

Ideal markets and applications
- Pulp and paper mills
- Power generation
- Oil and gas
- Wind turbines
- Wastewater treatment