CALIBRATION AND MAINTENANCE SERVICES
Honeywell Calibration and Maintenance Services (CMS) provide peace of mind by addressing threats to your facility’s safety, reliability and efficiency. They drive down the likelihood of failures, reduce recovery times and eliminate skills and knowledge gaps.

CMS work together to reduce problems that keep you from performing at peak levels, such as:

- The probability of trouble with regular maintenance: proactive equipment repair, replacement and upgrades; managed software updates and security; and planned, structured migrations
- Downtime when problems occur through access to parts, on-call service and remote connectivity for troubleshooting and repairs

Honeywell offers a comprehensive range of services, from TotalCare contracts providing complete maintenance coverage for a single, annual charge; to supplementary contracts for parts, upgrades and training. Services can be tailored and adapted to meet any customer requirement.

The CMS team has serviced ~$5M annual support contracts for over 20 years. Contracts are renewed annually, and most are long-term customers.

The CMS team offers on-site servicing, calibration, repair and installation processes of complex equipment and systems without direct supervision. They keep customers up to date with certifications and help maintain their accreditations.

The team also modernizes and improves customer processes, following detailed work instructions to complete the work. Meanwhile, CMS technicians train customers on proper usage, troubleshooting and basic repair procedures for complex equipment.

While the CMS team provides direct service and support to customers, it remains on-call for any other requirements.

Honeywell understands each industry’s unique requirements, enabling it to reduce risks while providing a spectrum of quality services.
SOME OF THE CUSTOMERS WE SERVE

<table>
<thead>
<tr>
<th>CUSTOMER</th>
<th>YEARS***</th>
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</thead>
<tbody>
<tr>
<td>Kosei</td>
<td>11+</td>
<td>Aleris</td>
<td>11+</td>
<td>Mansville</td>
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<tr>
<td>Progressive</td>
<td>10</td>
<td>Freeport</td>
<td>7</td>
<td>Abitec</td>
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<tr>
<td>Ashcroft</td>
<td>11+</td>
<td>Barazonics</td>
<td>11+</td>
<td>Sterling</td>
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<tr>
<td>Mansville 2/B</td>
<td>7</td>
<td>Depuy</td>
<td>11+</td>
<td>McCormick</td>
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<td>Peoria</td>
<td>11+</td>
<td>Kraft</td>
<td>11+</td>
<td>Viracon</td>
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</tbody>
</table>

Contract Administrator – all customers

| Sterling       | 11+      | Highliner    | 11+      | Lepage       | 11+      |
| Pratt Whitney  | 11+      | Hyperion     | 11+      | Mich. Seamless| 11+      |
| Kikkoman       | 11+      | Usinger      | 11+      | Greif        | 5        |
| Eaton          | 7        | Polynnt      | 11+      | Rexnord      | 11+      |
| SI Group       | 11+      | AMRI         | 11+      | Valente      | 11+      |
| MACtec         | 11+      | J&J          | 6        | Merk         | 11+      |
| Pfizer         | 11+      | Fallsburg    | 11+      | Protein Science | 11+ |
| Nestle         | 11+      | Regal        | 8        | Egiloy       | 11+      |
| MetalTek       | 11+      | Kinetic      | 11+      | Kholer       | 11+      |
| CVS            | 11+      | MTN          | 11+      | Havco        | 7        |
| N. Grumman     | 11+      | PSEG         | 11+      | Ward         | 6        |

CALIBRATION SERVICES

Onsite Calibration
- Quality service from certified calibration technicians
- Work is conducted onsite for maximum flexibility

In-Process Calibration Services
Our highly-trained technicians can perform on-site calibration of in-process instruments such as transmitters, sensors, switches, recorders, controllers, ovens and chambers

Repair Services
- Cost-effective repairs conducted in our factories and field offices
- Can repair most instruments

Service Partners
Manage your parts supplies through our network of approved partners

Certifications:
- ISO 9001 2015
- AMS 2750G
- ISO/IEC 17025:2017
- CGMP (Pharmaceutical/Compliance)

LOCATIONS SERVED

[Map showing locations served]
### EQUIPMENT CALIBRATION CAPABILITIES

#### Electrical
- Dataloggers
- Megohmmeters
- Power supplies
- Recorders
- Signal generators

#### Calibrators
- Current
- Multifunction process
- Pressure
- Process loop
- RTDs
- Simulators/calibrators
- Temperature
- Thermocouple
- Voltage

#### Mass
- Class 4–7 up to 25kg
- Scales and balances

#### Temperature
- Dataloggers
- Megohmmeters
- Chambers
- Controllers
- Digital thermometers
- Dry blocks
- Heat sealers
- Industrial PRTs
- Infrared thermometers
- Liquid bath
- Liquid in glass thermometers
- Ovens
- RTDs
- Solder stations
- Temperature indicators
- Thermistors
- Thermocouples

#### Pressure
- Absolute gauges
- Controllers
- Deadweight testers
- Indicators
- Manometers
- Micromanometers
- Transducers/transmitters
- Vacuum/pressure gauges

#### Physical
- Accelerometers
- Air flow
- Conductivity meters
- Force gauges
- Humidity
- Light meters
- Load cells
- Particle counters
- pH meters
- Pipettes
- Tachometers
- Torque testers/analyzers
- Torque wrenches

### REFERENCE LEVEL CAPABILITIES

#### Temperature Probes
- Metrology wells
- RTD/PRT probes (Kaye Intelligent)
- Secondary stand. PRTs
- SPRTs
- Standard ref. PRTs

#### Pressure
- Dead weight testers, pneumatic/hydraulic
- High precision pressure controllers and transducers
- Very low-pressure installments

#### Humidity
- Air velocity
- Dew point

### LIABILITY STATEMENT FOR THIRD PARTY - CHECK ON THIS STATEMENT

**TotalCare Services**

Honeywell’s Field Instrumentation

Enhanced Total Care contracts come with a full package of services to accelerate troubleshooting, enable preventive maintenance practices, reduce plant downtime and get the most out of Honeywell instrumentation and control system assets. For a reliable, accurate and stable process, your field instruments need to perform. Honeywell’s instrumentation portfolio not only delivers outstanding transmitters but extends performance further through the management of spare parts, remote support and services. We’ll help keep your instruments running longer and performing better – and when problems do arise, we’ll help you resolve them faster.

Enhanced Total Care is a package of services to maintain Honeywell field instruments such as pressure, temperature, radar level, multivariable flow meters and wireless instruments.

In addition to support from our local telephone helpdesks and Global Technical Assistance Center, users can leverage the following services to achieve safe, reliable and efficient operation of their plant:

- Planned on-site visits for preventive maintenance and emergency visits as required.
- Calibration services for specified instruments to ensure stable and accurate measurements.
- Spare part management through stocking at the customer’s site and Honeywell’s warehouse to ensure availability and avoid downtime.
- Instrument assessment through diagnostic health checks and through instrument asset management systems such as Field Device Manager.
- Configuration and training on SmartLine Connection Advantage to improve plant safety, reliability and efficiency.
Honeywell Field Instrument Service Contracts
We provide services and maintenance offerings to suit every business. From telephone support to outcome-based packages, we help customers control costs, ensure compliance and maximize performance. Our experts deliver the highest standards of care.

Providing cost certainty and unmatched quality, we help businesses manage the risks to their equipment and solutions over the whole lifecycle. In addition, we can tailor packages to suit specific needs.

Our service contracts help operators ensure accurate, reliable measurements across operations to protect profits; eliminate downtime; control maintenance costs; and avoid incidents that can compromise compliance or safety on site.

Contact us today to learn how we can help you build a more effective maintenance and service program. We’ll ensure your measurement asset performance so you can focus on running your business efficiently.

HONEYWELL VERSATILIS™ SOLUTIONS
Integrated, powerful tools to configure, monitor and manage your instruments over their lifecycle, boosting productivity, reducing risks and lowering operational expenses across the enterprise.

Honeywell Versatilis boosts productivity, reduce risks and cuts operational expenses across the enterprise.

Our Total Care experts can help you deploy these tools to unlock the value of your instrument assets. Microsite for details.

Log into our website and contact us to get in touch!

SMARTLINE EXTENDED PRODUCT WARRANTIES
To boost your confidence and efficiency, choose an extended warranty option for your SmartLine transmitters – and protect your investment even after your factory warranty has expired.

WHY CHOOSE A SMARTLINE TOGETHER WITH EXTENDED PRODUCT WARRANTY?
• Boost your efficiency: Extended product warranties enable you to lower your total cost of ownership for your SmartLine transmitters.
• Manage obsolescence: Reduce your maintenance costs for your transmitters up to 40%. Expand the lifespan of your instrumentation: Up to 15 years.
• Peace of mind: Extended warranty options offer peace of mind and exploitation easiness, letting you focus on other key tasks.
• Best in class quality and reliability: Proven by over 40 years of industry experience and up to 3 million devices installed globally.

Know more and boost your confidence with SmartLine Extended Warranties
UDC2800 – BETTER ACROSS THE BOARD

The UDC2800 is Honeywell’s most powerful panel-based single loop temperature controller ever. With enhanced performance, Bluetooth configuration and remote connectivity, it’s a better solution for control of furnaces, ovens, boilers, heaters, environmental chambers, cookers, dryers and freezers.

UDC2800 meets the requirements of even the most demanding applications:
- ASM2750F aerospace industry
- FM Approval as a high limit as required for heat treatment (coming soon)
- NEMA4X wash down for food and beverage applications
- IP66 design

Know more on our website

INSTRUMENT REPAIR SERVICES

Convenient
Our comprehensive repair services save you the time and inconvenience of sending your test and measurement equipment to multiple OEMs.

Cost effective and fast
Flat rate pricing is available on the most popular instruments we repair; we turn your jobs around faster than the OEM.

We repair:
- Pressure calibrators
- Process calibrators
- Pressure modules
- Power supplies
- Temperature baths
- Hi-pots
And much more!

For More Information
To learn more about visit process.honeywell.com or contact your Honeywell Account Manager.

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