



PROCESS MEASUREMENT AND CONTROL

USER MANUAL

ASSET LIFECYCLE HEALTH ASSESSMENT

RELEASE 2.1

December 2020

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ABOUT THIS USER MANUAL

Scope

This guide describes how to register for the Honeywell PMC Asset Lifecycle Health Assessment tool and how to use it.

Revision history

Revision	Supported Release	Date	Description
1	1.0	Sep 2019	<ul style="list-style-type: none"> Initial version
2	1.0	Oct 2019	Updated version: <ul style="list-style-type: none"> Based on review comments Changed to Honeywell template
3	1.1	March 2020	Updated version with functionality enhancements in the tool: <ul style="list-style-type: none"> Product Support (date) Hyperlink to End-of-Life announcement 4th Lifecycle Category (primary product - upgrade available) Minor fixes based upon customer feedback
4	2.0	September 2020	Updated version with functionality enhancements in the tool: <ul style="list-style-type: none"> Artificial Intelligence (AI) engine for Product recommendations and in-tool proposals In-tool upgrade/migration and service contract proposals Enhancements in contact options and print functionality Direct link to Marketing collateral Minor fixes based upon feedback Additional products added to the tool

Revision	Supported Release	Date	Description
5	2.1	December 2020	Updated version with functionality enhancements in the tool: <ul style="list-style-type: none">• Spare Parts visibility per product including in-tool spare parts proposals• In-tool service requests• Visibility of Future Lifecycle status• Possibility to add serial/license numbers and service/calibration dates• Minor fixes based upon feedback• Additional products added to the tool

Intended audience

This guide is primarily intended for Honeywell Customers and Honeywell Channel partners

INTRODUCTION

This new online PMC tool provides our customers with an easy to use online Asset Lifecycle Health Assessment. The assessment gives a free overview of customer's assets and can serve as a starting point to address possible asset health issues.

This online, cybersecure and automated Lifecycle Health Assessment tool consists of a platform in which asset information can easily be entered and that creates a free Asset Lifecycle Health report that advises in a traffic-light based concept on:

1. Asset Health:
 - Is the asset in the Primary Lifecycle: still being produced, full labor and parts support available (and does Honeywell have functionality upgrades/ enhancements available since initial release of the asset?)
 - Is the asset in the Legacy Lifecycle: no longer being produced, but still supported (labor and parts)
 - Is the asset in the Phased-Out Lifecycle: no longer being produced, only best-effort support available
2. Future Asset Health: Future Lifecycle Status (between 1 and 10 years from now)
3. Level of Product Support still available for the asset (and if applicable: date)
4. Available Spare Parts for the asset
5. Asset Migration and/or Upgrade Recommendations
6. Potential TCO Savings
7. Business Improvement Potential
8. When applicable: Non-Honeywell Migration Recommendations
9. Hyperlink to Honeywell-released end-of-life announcement for the asset (if applicable)
10. Hyperlink to applicable Honeywell Marketing information and -collateral
11. Recommended products based upon selected customer assets

The underlying product data of the assets is being maintained and continuously updated by our product managers. In this version of the tool you will find our Terminals, Gas, Field & Process instruments and Modular Systems assets supported. Please note there is a roadmap for continuous improvement and further development of the tool. This version also includes multi-language support (English, German, Chinese) and an admin module for our channel partners.



Honeywell

HOW DOES IT WORK?

The Asset Lifecycle Health Assessment tool works with a 3-step approach (which will be further outlined in next sections). These 3 steps are:

1. Registration:
 - Customer account creation
 - Customer profile creation
 - Only when applicable: Cross-check on existing Honeywell account

2. Data entry in 3 steps:
 - Select Product Line to which the asset belongs to (in current release: Terminals, Gas, Field & Process instruments and Modular Systems)
 - Asset selection from drop-down list
 - Entering Asset quantity

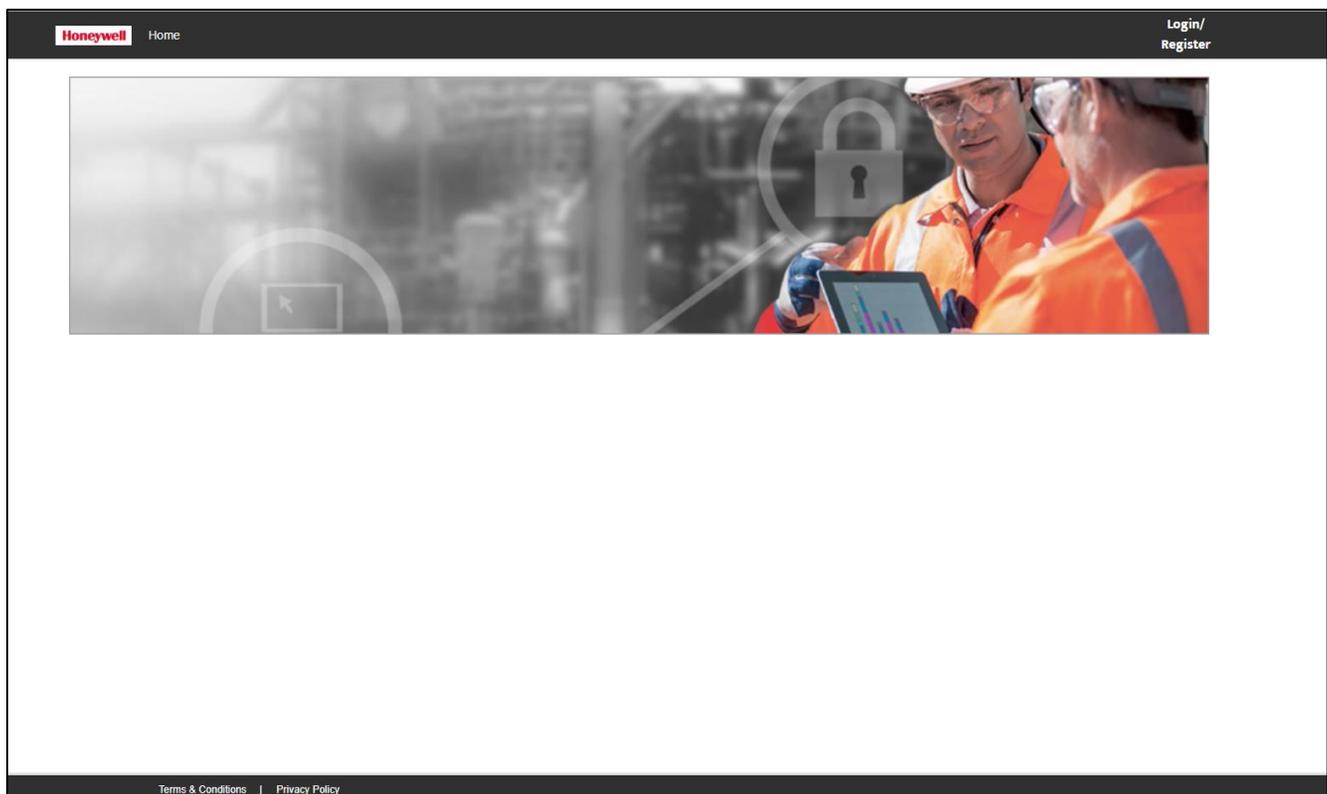
3. Immediate results (on screen and PDF):
 - Asset overview report showing lifecycle status
 - Level of Product Support still available
 - Available Spare Parts for the asset
 - Asset recommendations and improvements
 - Hyperlink to Honeywell-released end-of-life announcement (if applicable)
 - Hyperlink to applicable Honeywell Marketing information and -collateral
 - Asset upgrade / migration \$ benefits
 - Recommended products based upon selected customer assets
 - Possibility to directly contact Honeywell's global service centers



REGISTRATION

Step 1 in one-time Registration Process:

- Link to the Asses Lifecycle Health assessment tool:
<https://honeywellprocess-community.force.com/healthcheck/s/> (in Chrome!)
- Click on: **Login/Register**



Step 2: Click on: **CREATE AN ACCOUNT**

Sign In

Username / Email 

Password

Remember Me

SIGN IN

CREATE AN ACCOUNT

[FORGOT PASSWORD](#)

[MANAGE MY ACCOUNT](#)

Step 3: Fill below details and Click on: **Register**

Note: if Honeywell has already set up the customer account for you (with or without pre-registering your assets), you **MUST** register using the email address that was used to pre-register your account – to ensure correct matching. Please also use the same First Name and Last Name.

Account Registration

Enter the details to create your Honeywell ID.

First Name

Last Name

Email

Password 

Confirm Password

I am at least 18 years old

REGISTER

Step 4: Fill validation screen on Click on: **CREATE ACCOUNT**

Activate Account

To create your account, enter the validation code that was sent to your email address. This code is valid for only 15 minutes.

Validation Code

CREATE ACCOUNT

NOTE: If you do not receive the email, please check your bulk and junk email folders before sending another code.

[RESEND VALIDATION CODE](#)

Step 5: Enter username and password and Click on: **SIGN IN**

Sign In

Username / Email 

Password

Remember Me

SIGN IN

CREATE AN ACCOUNT

[FORGOT PASSWORD](#)

[MANAGE MY ACCOUNT](#)

Step 6: Enter account details, personal info, accept Honeywell T&C's and Click on: **SAVE**

Note: if Honeywell has already set up the customer account for you (with or without pre-registering your assets), step 6 will automatically be skipped by the registration process. You will NOT see screen below and automatically get entry to the tool.

The screenshot displays the 'REGISTRATION' form in a web browser. The form is titled 'REGISTRATION' in red. It contains the following fields and values:

Field	Value
First Name	PMC
Last Name	user2
Email Address	pmcuser2@mailinator.com
Company Name*	Enter Account Name
Primary Address*	Enter Primary Address
Primary Street*	test
Primary City*	test
Primary State*	test
Primary Country*	United Kingdom
Primary Postal Code*	test
Segment*	--- None ---
Sub Segment*	--- None ---
Enter Job Title*	Director of IT
Enter Function*	Quality
Mobile Number*	2803486392

Below the fields, there is a checkbox labeled 'I accept the Terms & Conditions and Privacy Policy*' which is checked. At the bottom of the form is a red 'SAVE' button. The page header shows 'Honeywell Home' on the left and 'PMC user2' on the right. The footer contains 'Terms & Conditions | Privacy Policy'.

USE OF THE TOOL

Honeywell Home

🔧 Asset Lifecycle Health Assessment

✕ Remove Site
+ Add Row
📄 Show Benefits
🖨 Print
📄 Proposal for Spare Parts List
📄 Upgrade/Migration Proposal
📄 Service Contract Proposal

Enter New Site

Current Available Sites

PMC Test
⌵

Product Line	Model Description	Quantity	Product Supported	Upgrade Product	Benefit Of Upgrading
Terminals	📄 990 Series Smart Radar FlexLine ✕	0	Full		Upgrade to TUV SIL certified 4-20mA Analog Output & Digital Relay outputs (2 nos) for overfill & underfill protection.
Field Instrument	📄 STT 3000 Temperature Transmitter STT250 ✕	2	Best effort	STT700	Lower lifecycle Cost , Better performance, System Integration
Modular Systems	📄 ControlEdge PLC ✕	2	Full		
Gas	📄 Gaslab Q1 ✕	1	Parts until 2020	GasLab Q2	Be ready for the latest correlative natural gas analysis with less maintenance

Terms & Conditions
Privacy Policy

Honeywell Home

📄 Upgrade/Migration Proposal
📄 Service Contract Proposal
📄 Request Service Visit
✉ Contact PMC Lifecycle services

Upgrade Product	Benefit Of Upgrading	Product Lifecycle	Lifecycle Information	Product Information	Available Spare Parts	Enter Asset Information
	Upgrade to TUV SIL certified 4-20mA Analog Output & Digital Relay outputs (2 nos) for overfill & underfill protection.	Primary Product - Upgrade Available		Link	📄 Spare Parts	+ Asset Details
STT700	Lower lifecycle Cost , Better performance, System Integration	Phased-out Product		Link	📄 Spare Parts	+ Asset Details
		Primary Product		Link	📄 Spare Parts	+ Asset Details
GasLab Q2	Be ready for the latest correlative natural gas analysis with less maintenance	Legacy Product	Link	Link	📄 Spare Parts	+ Asset Details

Terms & Conditions
Privacy Policy

PMC Asset Lifecycle Health Assessment
User Manual

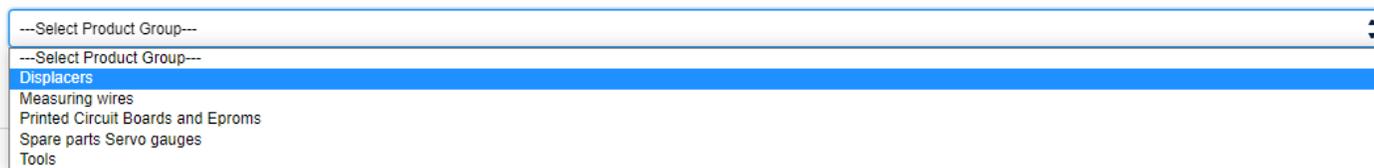
13

You are now in the tool. Shown on the pictures on the previous page you will see the left side of the screen (first picture) and middle section of the screen (second picture, 2 columns of data are overlapping both screens). This screen you will see when logging in from now on. In here you have to:

- Create a site to which the assets belong to (an account can have multiple sites)
- You can remove a site through the “Remove Site” functionality
- By using “Add Row” you can enter a new asset for the site – on top of the screen
- Select the Product Line for the asset from the Drop-Down list “Product Line”
- Select an asset from the Drop-Down list “Model Description” (the list is “searchable”, i.e. type “CIU” to find all CIU models)
- Enter the Quantity of the asset in the “Quantity” field
- Use the “Show Benefits” functionality to see (or hide) \$ figures for functional and TCO benefits (if applicable)
- Use the “Print” functionality to create a PDF document of all asset data. If an account has multiple sites, you will be able to select the sites you for which you would like to print the asset information.
- Click on the hyperlink under “Lifecycle Information” to download the Honeywell-released end-of-life announcement for the selected asset (if applicable)
- Click on the hyperlink under “Product Information” to open the webpage with applicable Honeywell Marketing information and -collateral for the selected asset
- Click on the button “Spare Parts” to view spare parts availability for selected assets.

Servo gauge 854 Spare Parts

Select Product Group



- Some assets have multiple underlying “Product Groups”. If this is the case, select the correct group first.
- After selecting the group, you can view available spare parts for that group.
- You can also select the spare part for which you would like to receive a proposal, enter a quantity and add it to the list of spare parts (next picture)
- You can then continue with other products; the parts list has been saved.

Servo gauge 854 Spare Parts

Select Product Group

Displacers

Select a Spare Part	Quantity	Part Number	Spare Part Name
<input type="checkbox"/>	<input type="text"/>	S0815330	Carbon filled PTFE, weight 223 g.; Diameter 140 mm (C/223/CT/140)
<input checked="" type="checkbox"/>	<input type="text" value="2"/>	S0815362	Spider Displacer Carbon filled PTFE, weight 223 g.; Diameter 90 mm (CG/223/CT090)
<input type="checkbox"/>	<input type="text"/>	S0815360	Carbon filled PTFE, weight 223 g.; Diameter 25 mm (C/223/CT/025)
<input type="checkbox"/>	<input type="text"/>	S0815345	Carbon filled PTFE, weight 223 g.; Diameter 110 mm (C/223/CT/110)
<input type="checkbox"/>	<input type="text"/>	S0815316	Displacer CD/0223/S/82 "Stabigauge"
<input type="checkbox"/>	<input type="text"/>	S0815343	Carbon filled PTFE, weight 223 g.; Diameter 45 mm (C/223/CT/045)

- Click on the button “Asset details” to optionally enter specific asset details:
 - Serial Numbers of the assets (multiple serial numbers if there are multiple assets). Please use a semicolon “;” to separate multiple values.
 - Data of last service visit for the assets
 - Date of last calibration for the assets
 - *Note: in future, these fields can/will also be maintained through Honeywell.*
- Use the “Proposal for Spare Parts” functionality to request a proposal for all the Spare Parts you have added to your spare parts list. You can view (and change) the final Spare Parts list before sending a request for proposal to one of our global service centers.
- Use the “Service Contract Proposal” functionality to request a proposal for a Service Contract. Before sending the request, you will be able to select the assets that are to be included in the Service Contract proposal and send this to one of our global service centers.
- Use the “Upgrade/Migration Proposal” functionality to request a proposal for an Upgrade or Migration of your Legacy or End-of-Life assets. Before sending the request, you will be able to select the assets for the upgrade or migration proposal and send this to one of our global service centers.
- Use the “Request Service Functionality” to request a (proposal for a) Service Visit – which you can send immediately to one of our global service centers.

- On the bottom of the screen (see picture below), for the selected asset through an AI (Artificial Intelligence) engine the tool will show you product recommendations for assets that - across our customer base - are frequently being bought together.
 - If you are already in possession of one of these products, by using the “Add” functionality you can quickly add the asset to your site.
 - By using the “Product Proposal” functionality you can immediately request a proposal for concerned asset.
 - Clicking on the asset name opens the webpage with applicable Honeywell Marketing information and -collateral for the selected asset

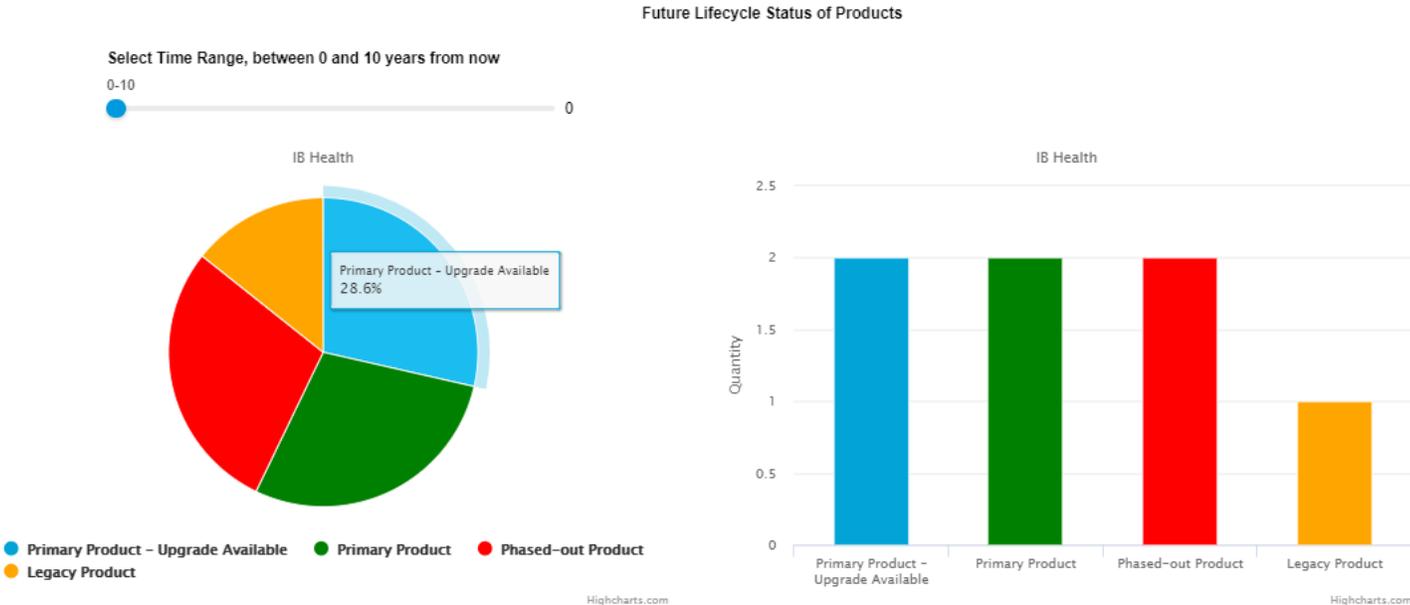
Product Line	Model Description	Quantity	Product Supported	Upgrade Product	Benefit Of Upgrading	Product Lifecycle	Lifecycle Information	Product Information
Terminals	990 Series Smart Radar FlexLine	0	Full		Upgrade to TUV SIL certified 4-20mA Analog Output & Digital Relay outputs (2 nos) for overfill & underfill protection.	Primary Product – Upgrade Available		Link
Terminals	VITO interface	5	Full			Primary Product		Link

Suggestions for 990 Series Smart Radar FlexLine [Next Product](#)

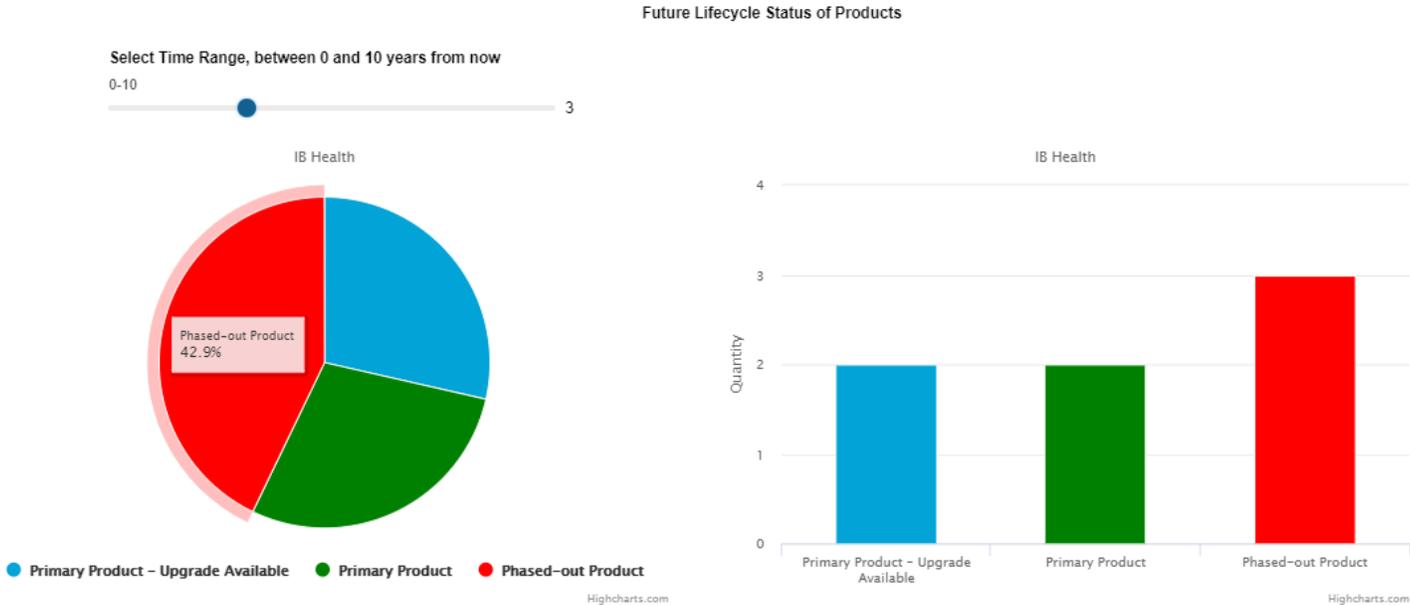
Similar Customers who have this product also have:

Terminals - CIU 888 + Add Product Proposal	Terminals - Servo gauge 854 + Add Product Proposal	Terminals - VITO LT Temperature probe + Add Product Proposal	Terminals - Tank Side Indicator + Add Product Proposal	Terminals - SmartView + Add Product Proposal
-------------------------------------------------------------------------------	---------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------

- If you scroll to the right side of the screen you can see a graphical representation of the assets and total asset lifecycle health of the site:



- On the left upper corner of this screen you will see a slider. You can move this slider to the right to check on the future lifecycle status of your assets – which is based upon available lifecycle information at this moment.
- Example: A Legacy asset with parts availability until 3 years from now, will change to obsolete after 3 years:



- Use the “Contact PMC Lifecycle Services” functionality to contact one of our global service centers for ANY question or enquiry you have on:
 - The tool itself (and possible recommendations)
 - Assets and underlying asset data
 - Output of the tool
 - Information about lifecycle phases
 - Upgrade recommendations
 - PMC Lifecycle Service Offerings, like:
 - ✓ Detailed Technical Health Check / Site Survey
 - ✓ Information on Migration and/or Upgrades of existing assets
 - ✓ Spare Parts support and/or purchases
 - ✓ Entitlements PMC can offer in Periodic Service Contracts
 - ✓ Help to build a Multi-Year Migration / Upgrade plan
 - ✓ Help desk and/or remote support
 - ✓ To receive a proposal on any of the above
 - ✓ And many more...

PMC LIFECYCLE SERVICES

PMC Lifecycle Services helps you to maintain a peak operating performance, to maximize the ongoing value of your systems, measurements, control devices and field instruments.

We provide to the PMC installed base a flexible framework of lifecycle services that helps to ensure safety, equipment reliability and system performance for the lifetime of your site.



Introduction	Support	Replacement	End of Life
Start Up & Commissioning	Reactive/Preventive/Predictive Maintenance	Upgrades	Migrations
Extended warranty	Spare Parts & Repairs		
Service Contracts - Extended Warranty - GTAC			

NOTICES

Third-party licenses

This product may contain or be derived from materials, including software, of third parties. The third party materials may be subject to licenses, notices, restrictions and obligations imposed by the licensor.

The licenses, notices, restrictions and obligations, if any, may be found in the materials accompanying the product, in the documents or files accompanying such third party materials, in a file named `third_party_licenses` on the media containing the product, or at <http://www.honeywell.com/ps/thirdpartylicenses>.

Documentation feedback

You can find the most up-to-date documents on the Honeywell Process Solutions support website at:

<http://www.honeywellprocess.com/support>

If you have comments about Honeywell Process Solutions documentation, send your feedback to: hpsdocs@honeywell.com

Use this email address to provide feedback, or to report errors and omissions in the documentation. For immediate help with a technical problem, contact your local Honeywell Process Solutions Customer Contact Center (CCC) or Honeywell Technical Assistance Center (TAC).

How to report a security vulnerability

For the purpose of submission, a security vulnerability is defined as a software defect or weakness that can be exploited to reduce the operational or security capabilities of the software.

Honeywell investigates all reports of security vulnerabilities affecting Honeywell products and services.

To report a potential security vulnerability against any Honeywell product, please follow the instructions at:

<https://honeywell.com/pages/vulnerabilityreporting.aspx>

Submit the requested information to Honeywell using one of the following methods:

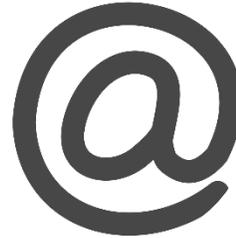
- Send an email to security@honeywell.com; or.
- Contact your local Honeywell Process Solutions Customer Contact Center (CCC) or Honeywell Technical Assistance Center (TAC).

Support

For support, contact your local Honeywell Process Solutions Customer Contact Center (CCC). To find your local CCC visit the website, <https://www.honeywellprocess.com/en-US/contact-us/customer-support-contacts/Pages/default.aspx>.

Contact

Honeywell Technical Assistance Center (TAC) contact details:



Americas:

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HFS: 1 (215) 641-3610

GAS: 1 (855) 251-7065

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