

## Minutes of the 9<sup>th</sup> The Hermes Standard Initiative Meeting

Date: 15<sup>st</sup> of November 2021

Venue: Productronica fair grounds room A32 & on-line @ Microsoft Teams

Minutes: Håkan Sandell, Chair

Participating 27 (44%) companies in alphabetical order	
4IR.UK British Systems (online)	MYCRONIC
6TL Engineering GmbH (online)	OMRON
ASM Assembly Systems	OSAI (online)
ASYS	REHM
CKD	RG Elektrotechnologie
ERSA GmbH	SAKI
FAMECS	Scheid IT
Göpel electronic	SEICA / SEICA automation
Heller Industries (online)	SICK
IBL-Löttechnik (online)	SMT Thermal Discoveries
IPTE	SPEA S.p.A (online)
KIC	SYNEO (online)
KOH YOUNG	VISCOM AG
KULICKE & SOFFA (online)	
Initiative members 35 (56%) not being present in the meeting	
ACHAT5 Engineering GmbH	KEYSIGHT
allSMT	kolb Cleaning Technologies
Besi	Magic Ray Technology
Bright Machines	MIRTEC
BTU	Nordson Asymtek & Matrix
CTI Systems	NUTEK
CTS	PARMI
CyberOptics	PEMTRON
Digitaltest GmbH	Rejoint
ECD	SEHO
EUNIL	SolderStar
EXELSIUS	Sonic Technology
FlexLink	TRI
GKG	UIC
Hanwha	ViTrox
ITW EAE	YJ LINK
JAPAN UNIX	YXLON
JOT Automation	



## Agenda of 9th The Hermes Standard (IPC-HERMES-9852) Initiative Meeting

The Hermes Standard Initiative meeting @ Microsoft Teams + Productronica room A32		
<b>Welcome</b> <ul style="list-style-type: none"> <li>Introduction of new initiative members</li> <li>Recap 8<sup>th</sup> Meeting in March 2021</li> <li>Action list</li> </ul>	Håkan Sandell Chair of the Initiative	14:00
<b>Status per company (optional)</b> <ul style="list-style-type: none"> <li>Status of implementation</li> <li>Learnings (technical / process / ...)</li> </ul>	All participants	14:20
<b>Workgroup "Hermes Use-Cases"</b> <ul style="list-style-type: none"> <li>Status report, future direction</li> </ul>	<div>The meeting decided to take this agenda point after "CFX-Hermes"</div> Tom Marktscheffel ASM	14:30
<b>Workgroup "Hermes test &amp; validation"</b> <ul style="list-style-type: none"> <li>Status report, next step</li> </ul>	Christian Fritsch SICK	14:45
<b>Workgroup "CFX – Hermes"</b> <ul style="list-style-type: none"> <li>Report from 2021 meetings, alignment with CFX v1.4</li> </ul>	Tom Marktscheffel ASM	15:00
<b>Technical issues &amp; decisions - Version 1.3</b> <ul style="list-style-type: none"> <li>Add "<a href="#">SendWorkOrderInfoReply</a>" message</li> <li>Add "<a href="#">Route+Action</a>" to relevant messages</li> <li>Add "<a href="#">Command</a>" message</li> <li>Add "<a href="#">SubBoards</a>" to relevant messages</li> </ul>	Peter Sundström Forum moderator	15:10
<b>Future standardization process</b> <ul style="list-style-type: none"> <li>Report of HERMES-IPC MoU status</li> </ul>	Håkan Sandell Chair of the Initiative	15:50
<b>Organizational issues &amp; decisions</b> <ul style="list-style-type: none"> <li>Election of next chair</li> <li>Next meeting</li> </ul>	Håkan Sandell Chair of the Initiative	16:05
<b>Wrap-up and end of meeting @ 16:30</b>	All participants	16:20



The Hermes Standard Initiative  
A broad foundation across the entire industry assures global acceptance

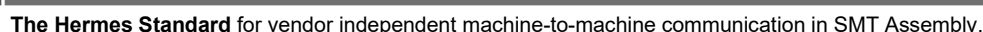
### Current 62 members of the initiative as per November 2021


4IR.UK	CTI Systems	FLEXLINK	ITW EAE	MYCRONIC	SAKI	SYNEO
BRITISH SYSTEMS						
6TL Engineering	CTS	GKG	JAPAN UNIX	Nordson ASYMTEK	Scheid IT	SYSTECH
ACHAT5	CyberOptics	GÖPEL	JOT Automation	NUTEK	SEHO	TRI
allSMT	Digital Test	HANWHA	KEYSIGHT	OMRON	SEICA	UIC
ASM	ECD	HAYAWIN	KIC	OSAI	SEICA automation	VISCOM
ASYS	ERSA	HELLER	KOH YOUNG	PARMI	Shenzhen HB	VITrox
BESI	EUNIL	HOLLY	kolb Cleaning Technologies	PEMTRON	SICK	WITRON
Bright Machines	eXelsius	IBL Löttechnik	KULICKE & SOFFA	REHM	SMT-Wertheim	YJ LINK
BTU	FAMECS	ILJIN	MAGIC RAY	REJOINT	SolderStar	YXLON
CKD	FENIX	IPTE	MIRTEC	RG Elektrotechnik	SONIC	...
					SPEA	...and counting ...

Other companies already agreed to join in future meetings

☒ Existing members  
☐ To join





<p><b>Workgroup “Hermes Use-Cases”</b></p> <p>Tom Marktscheffel (ASM) presented use cases discussed in the workgroup and a brief overview of the pending suggestions for updates to the Hermes standard.</p> <p>The meeting decided (24/-) to let the workgroup release the re-worked “Hermes Use Cases” document, now called “Hermes Best Practice”, as soon as possible after proof reading.</p>	<p>Tom Marktscheffel (ASM)</p>	<p>Open</p>
<p><b>Technical issues &amp; decisions</b></p> <p>Following updates to the standard were presented by respective initiator and discussed. All was accepted by more than 50% of the present members.</p> <ul style="list-style-type: none"> <li>• Add <b>“SendWorkOrderInfoReply”</b> message (23 yes/ 0 no)</li> <li>• Add <b>“Command”</b> message (24 yes/ 1 no) the no vote desired a more detailed use case description</li> <li>• Add <b>“Route+Action”</b> to relevant messages (18 yes/ 1 no) it was suggested “Hermes Best Practice” should recommend to keep routes only as long as needed</li> <li>• Add <b>“SubBoards”</b> to relevant messages (24 yes/ 1 no) the no vote desired a data compression for barcodes, the meeting concluded this to be a good idea but that it can be optional and added later</li> </ul> <p>The combined changes will result in new version 1.4 and corresponding use cases added to “Hermes Best Practice”</p>	<p>Peter Sundström (forum moderator)</p>	
<p><b>Future standardization process &amp; IPC collaboration</b></p> <p>No workgroup meeting since 8<sup>th</sup> initiative meeting.</p> <p>Håkan Sandell informed that the IPC CFX-roadmap page has been replaced by the QPL list and the task of creating a Hermes roadmap per supplier was no longer investigated.</p>	<p>Håkan Sandell (Chair)</p>	<p>Open</p>
<p><b>Next meeting location &amp; meeting host</b></p>  <p>The initiative decided (14 yes/0 no) to hold the next meeting on-line on Wednesday the 1<sup>st</sup> of June 2022. The draft of the agenda will be sent out 8 weeks before the meeting.</p>	<p>Håkan Sandell (Chair)</p>	<p>Open</p>
<p><b>Election of new chair</b></p> <p>No company had volunteered to take the responsibility at the time of the meeting. Current chair accepted to remain until next meeting.</p> <p>Meeting decided (25/1) that Mycronic remain chair until 10<sup>th</sup> meeting and have a new election then.</p>	<p>Håkan Sandell (Chair)</p>	<p>Open</p>



## Overview of action items as discussed in the meeting



### Wrap-up of The 9<sup>th</sup> Hermes Standard Initiative Meeting Open activities

Open activities	Lead	Due
1. Promote new Hermes version 1.4 to IPC -HERMES -9852	Håkan Sandell (Mycronic)	Dec 2021
2. Hermes Use case workgroup, continued work	Tom M. (ASM)	Jun 2022
3. Hermes Use case workgroup – publish "Hermes Best Practice"	Tom M. (ASM)	Dec 2021
4. Test & validation workgroup, continued work	Christian F. (SICK)	Jun 2022
5. Prepare MoU to convert Hermes Initiative into IPC standardization process	Håkan Sandell (Mycronic)	Jun 2022
6. New chair for The Hermes Standard Initiative	Håkan Sandell (Mycronic)	Jun 2022
7. Organize 10th online meeting 1 <sup>st</sup> June 2022	Håkan Sandell (Mycronic)	Jun 2022

