Minutes of the 10th The Hermes Standard Initiative Meeting

Date: 1st of June 2022
Venue: Microsoft Teams
Minutes: Håkan Sandell, Chair

Participating 24 (36%) companies in alphabetical order	
4IR.UK British Systems	KIC
6TL Engineering GmbH	KULICKE & SOFFA
ASM Assembly Systems	MYCRONIC
Asscon	OMRON
ASYS	OSAI
CyberOptics	REHM
ERSA GmbH	Scheid IT
Essemtec	SICK
Göpel electronic	SMT Thermal Discoveries
IBL-Löttechnik	SYNEO
Innomelt	Takaya
IPTE	UIC
Initiative members 42 (64%) not being present in the meeting	
ACHAT5 Engineering GmbH	KOH YOUNG
allSMT	kolb Cleaning Technologies
Besi	Magic Ray Technology
Bright Machines	MIRTEC
BTU	Nordson Asymtek & Matrix
CKD	NUTEK
CTI Systems	PARMI
CTS	PEMTRON
Digitaltest GmbH	Rejoint
ECD	RG Elektrotechnologie
EUNIL	SAKI
EXELSIUS	SEHO
FAMECS	SEICA / SEICA automation
FlexLink	SolderStar
GKG	Sonic Technology
Hanwha	SPEA S.p.A
Heller Industries	TRI
ITW EAE	VISCOM AG
JAPAN UNIX	ViTrox
JOT Automation	YJ LINK
KEYSIGHT	YXLON

Agenda of 10th **The Hermes Standard (IPC-HERMES-9852) Initiative** Meeting

The Hermes Standard Initiative meeting @ Microsoft Teams		
Welcome • Introduction of new initiative members • Recap 9th Meeting in November 2021 • Action list	Håkan Sandell Chair of the Initiative	15:00
Status per company (optional) • Status of implementation • Learnings (technical / process / …)	All participants	15:15
Workgroup "Hermes Use-Cases" • Status report	Tom Marktscheffel ASM	15:25
Workgroup "Hermes test & validation" • Status report	Christian Fritsch SICK	15:35
Workgroup "CFX – Hermes" • Report from 2022 meetings, alignment with CFX v1.4	Håkan Sandell Chair of the Initiative	15:45
Technical issues & decisions - Version 1.4 • Add workorderid/batch to QueryWorkOrderInfo • Handling of unknown attributes • Editorial issues - "Machine" instead of "equipment" • "Scope of Hermes Standard"	Peter Sundström Forum moderator	15:50
Future standardization process • Report of HERMES-IPC MoU status	Håkan Sandell Chair of the Initiative	15:25
Organizational issues & decisions • Election of next chair • Next meeting	Håkan Sandell Chair of the Initiative	16:35
Wrap-up and end of meeting @ 17:00	All participants	16:50

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

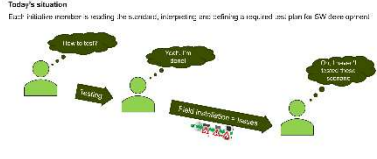**Current 62 members of the initiative as per November 2021**

4IR.UK BRITISH SYSTEMS	CTI Systems	FLEXLINK	ITW EAE	MYCRONIC	SAKI	SYNEO
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 SEICA automation	UIC
ASM	ECD	HAYAWIN	KIC	OSAI	Shenzhen HB	VISCOM
ASYS	ERSA	HELLER	KOH YOUNG	PARMI	SICK	ViTrox
BESI	EUNIL	HOLLY	kolb Cleaning Technologies	PEMTRON	SMT-Wertheim	YJ LINK
Bright Machines	eXelsius	IBL Löttechnik	KULICKE & SOFFA	REHM	SolderStar	YXLON
BTU	FAMECS	ILJIN	MAGIC RAY	REJOINT	SONIC	
CKD	FENIX	IPTE	MIRTEC	RG Elektrotechnik	SPEA	… and counting …

Other companies already agreed to join in future meetings

☐ Existing members
☐ To join

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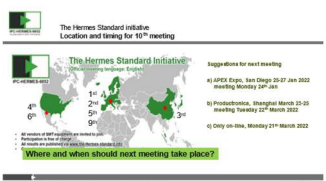
General Information	Who	When
Presentation material & access to members area All presented material can be downloaded by members from the members area of the initiative homepage: https://members.the-hermes-standard.info/download/		

Introduction for new members (May 30th, 8:00 - 9:00 CEST)		
An introductory session was held for new members of the initiative. Both history, previously agreed principles and technical information were included.		

The Hermes Standard Initiative meeting (June 1st, 15:00 - 17:00 CEST)		
WELCOME to all members! The initiative now consists of 66 members. Members now include Asscon, Essemtec, Innomelt and Takaya.		
Status update per company Some of the present members shared their field experience and the need for more testing and clearly described use cases is still present. The "Best Practice" document should be promoted to assist. Customer knowledge is varying and standardized use cases is helpful.		
Workgroup "Hermes Use-Cases" Tom Marktscheffel (ASM) summarized discussions in the workgroup including the concept of capabilities and the suggestion to create a manufacturer specification as a companion to the "Best Practices" document. The workgroup will continue in its present form.	Tom Marktscheffel (ASM)	Open
Workgroup "Test & validation" Christian Fritsch (SICK) concluded that the work group had no activity since last two meetings. Tom Marktscheffel volunteered to take over as driver.	Christian Fritsch (SICK)	Open
Workgroup "CFX - Hermes" No meetings between CFX A-team and the Hermes workgroup since last report. At the moment there are no outstanding issues to solve.	Håkan Sandell (Chair)	Closed

Technical issues & decisions
 	
Following updates to the standard where presented by respective initiator and discussed.
 	
   a) Add optional attributes WorkorderId/BatchId to message QueryWorkOrderInfo, widening the start-of-line use case
 	
      The meeting decided to include the change
      (14 yes/ 0 no / 2 abstain)
 	
   b) Handling of unknown attributes
 	
      The meeting decided to not change the standard (0 yes / 17 no) It also concluded that this repeated request might be solved by expanding the "implemented features" concept instead and asked the "use case" workgroup to discuss the topic.
 	
   c) Editorial issues – machine instead of equipment
 	
      The meeting decided to include the changes (15 yes/ 0 no)
 	
   d) Scope of Hermes standard
 	
      The meeting decided to include the changes to remove the "…" (14 yes / 1 no / 2 abstain)
 	
The combined changes will result in new version 1.5
	Peter Sundström (forum moderator)	

Future standardization process & IPC collaboration Håkan Sandell presented a suggested workflow for collaboration with IPC and the main difference with current setup. Chris Jorgensen (IPC) answered questions from the audience e.g., confirmed that no IPC membership will be required by Hermes members even if we switch to the IPC-works portal for management. Håkan will restart workgroup meetings to prepare material for vote on next initiative meeting.	Håkan Sandell (Chair)	Open
Next meeting location & meeting host The initiative decided (14 yes / 0 no) to hold the next meeting on-line and at APEX on Monday the 23rd of Jan 2023. The draft of the agenda will be sent out 8 weeks before the meeting.	Håkan Sandell (Chair)	Open
Election of new chair Rehm volonteered to take the responsibility as next chair and the meeting decided (16 yes / 0 no) to accept Markus Mittermair as chair for the next two years.	Håkan Sandell (Chair)	Closed

Overview of action items as discussed in the meeting

Wrap-up of The 10th Hermes Standard Initiative Meeting
Open activities

Open activities	Lead	Due
1. Promote new Hermes version 1.5 to IPC-HERMES-9852	Hermes Chair	Jun 2022
2. Investigate forum e-mail issues	Hermes Chair	Aug 2022
3. Hermes Use case workgroup, continued work	Tom Marktscheffel (ASM)	Jan 2023
4. Test & validation workgroup, continued work	Tom Marktscheffel (ASM)	Jan 2023
5. Prepare MoU to convert Hermes Initiative into IPC standardization process	Håkan Sandell (Mycronic)	Jan 2023
6. Organize 11th online+APEX meeting 23rd Jan 2023	Hermes Chair	Jan 2023

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EXELSIUS			
Famecs			

Current 66 members of the initiative as per June 2022

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