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## **Connectivity Industry Consortium (CIC)**

The Universal Standard for Point of Care Connectivity

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### **CIC MEDICA 2000 Meeting Summary**

November 23<sup>rd</sup>, 2000 Düsseldorf, Germany



This memo summarizes the essential details of the Point of Care Connectivity Industry Consortium (CIC) MEDICA 2000 Meeting, held November 23 on the “MS Britannia” in Düsseldorf. Roche Diagnostics hosted this second European meeting for the CIC. Sixty-eight attendees from throughout Europe joined this important meeting to review both the state of point-of-care connectivity in Europe as well as the status of the CIC’s connectivity standardization efforts. The participants made several suggestions regarding how to stimulate the demand for and adoption of connectivity standards in Europe. The CIC will formulate plans early in 2001 to address these recommendations.

## 1. EXECUTIVE SUMMARY

The Connectivity Industry Consortium (CIC) held its second major briefing meeting for Point-of-Care organizations outside of the United States on November 23, 2000 in Düsseldorf, Germany. Roche Diagnostics hosted this meeting, which was held in conjunction with the MEDICA 2000 conference. Sixty-eight individuals representing forty-six international point-of-care (POC) organizations attended this meeting.

The objectives of this meeting were to present the CIC's status and progress, to foster a dialog on the international future of point-of-care and connectivity, and to solicit international users' help with review and advocacy of POC connectivity standards. Staffan Ek, Head of Patient Care Roche Diagnostics, opened the meeting with an overview of why Roche Diagnostics believes that POC connectivity standardization is vital to the future growth of the POC market. The meeting participants then reviewed the current state of and future visions for POC information management, as presented by Prof. Georg Hoffman, Dr. Andrew St. John, Prof. O. Muller-Plathe and Prof. Harald Schlebusch.

After a review of the CIC's current status and progress, the attendees exchanged their views regarding the CIC's direction and the current state of POC connectivity in Europe. Issue cards distributed during the meeting captured attendees' comments and feedback. Comments on these cards identified several issues that require further definition:

### 1. European Standardization

*'... the use issues currently facing Europe are similar to those in the U.S. three years ago.'*

### 2. European Involvement

*'[Create] EPOCHA (European Point of Care Health Alliance): Develop a group to discuss the issues of 'implementation' of POCT guidelines into the clinical environment—risks, challenges, benefits; address this to a management level.'*

*'Why not try to create EC-funded Europe-wide efforts?'*

### 3. Challenges

*'The standard will only become a practical if it is widely used and if its introduction to the field is fast.'*

*'Too few European customers in the representation.'*

A comprehensive plan to address these issues, as well as the other input gathered from the breakout sessions, will be posted on the CIC website (<http://www.poccic.org>) and incorporated into the Consortium's project plans.

## 2. PRESENTATIONS

Many of the presentations given at this briefing may be viewed on the CIC website at <http://www.poccic.org/Meetings/Medica2000>.

Topic	Presenter
Welcome, Keynote	Staffan Ek, Roche Diagnostics
Badly Recognized POC User Needs in Germany	Prof. Georg Hoffmann - Trillium
Extracting Information from Data; the Future of POCT	Dr. Andrew St. John - Roche Diagnostics, IFCC
The Clinical Lab's Response to and Responsibility for POC Testing	Prof. O. Müller-Plathe - Hamburg Prof. Harald Schlebusch - University of Tübingen
CIC Vision, Objectives	Dr. Dirk Boecker - Agilent Technologies, CIC Board of Directors
CIC Technical Progress	Jeff Perry - CIC V.P. CTO
Standards Community Perspective	Prof. Joachim Dudek - HL7 - Europe, University of Giessen

## 3. PARTICIPANTS

Sixty-eight individuals from forty-seven organizations registered to attend the CIC Briefing at Medica 2000 in Düsseldorf. These attendees came from 13 different countries, as summarized in the following table.



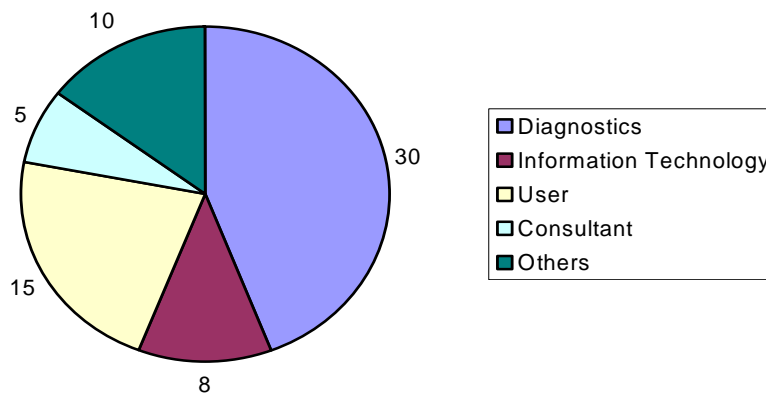
COUNTRY	ATTENDEES
Austria	1
Canada	1
Czech Republic	1
United Kingdom	1
France	2
Netherlands	2
Spain	2
Switzerland	2
Denmark	4
Italy	4
Finland	5
United States	8
Germany	35
<b>Total</b>	<b>68</b>

Participants represented the in-vitro diagnostics industry, information technology vendors, point-of-care users, healthcare consultancies, and other point-of-care related organizations. The following table and figure summarizes the attendance by the type of organization represented.

**Table 1: Attendance, by Organization Type**

	PARTICIPANTS	ORGANIZATIONS
Diagnostics	30	12
Information Technology	8	7
User	15	14
Consultant	5	5
Others	10	8
<b>Total</b>	<b>68</b>	<b>46</b>

**Figure 1: Participants by Type of Organization**



Section 6 contains a detailed list of all attendees.

#### 4. REMAINING TIMELINE, MILESTONES

As of the November 23 briefing, the CIC has completed roughly three-quarters of its planned 12-15 month lifetime. Figure two illustrates the Consortium's major meetings and milestones.

**Figure 2: Timeline, Milestones**



Over the remaining months of the planned lifetime, the Consortium will:

1. Refine the EDI and Device Interface proposals
2. Review and ballot the proposals (technical review, provider ballot and final membership ballot)
3. Cement transfer relationships and begin transition of proposals to NCCLS, HL7 and IEEE
4. Publicize the availability of POC Connectivity Standard
5. Launch the Pilot demonstration

## 5. NEXT STEPS

The meeting participants provided a wealth of information concerning the status of point-of-care connectivity in Europe. They also provided a strong challenge to the CIC to reach out to the European healthcare community to foster a coherent, practical, standards-based approach to connectivity.

Toward meeting this challenge, the CIC will construct plans to seed the formation of a point-of-care European Round Table. This self-standing organization will provide input to the CIC concerning point-of-care connectivity issues throughout Europe. This group will also advocate standards-based connectivity solutions throughout Europe.

In addition, the CIC's marketing team will develop plans to more widely communicate the benefits and advantages of solutions based on the CIC point-of-care connectivity standards.

## 6. DETAILED ATTENDANCE

Sixty-eight individuals from forty-seven organizations registered to attend the CIC Briefing at Medica 2000 in Düsseldorf.

### ACADEMIC MEDICAL CENTER – UNIVERSITY OF AMSTERDAM

Dol	Jan L. S.	Netherlands
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### AGILENT TECHNOLOGIES

Boecker	Dirk	United States
Boos	Andreas	Germany
de Foronda Vaquero	Miguel	Spain
Hassing	Kai	Germany
Krammer	Gerhard	Germany
Perry	Jeffrey	United States
Ziervogel	Heiko	Germany

### AVENTIS RESEARCH & TECHNOLOGIES

Schweitzer	Markus	Germany
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### AVSL MODENA

Cecou	Sonia	Italy
Pinni	Guipo	Italy

### BANG & OLUFSEN

Rokkjor	Kent H.	Denmark
Sonderskov	Knud-Erik	Denmark

BIOTRONIK

Kraft	Norbert	Germany
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BOSTON BIOMEDICAL CONSULTANTS

Miller	Michaele	United States
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CHROSCH-CONSULTING

Rode-Schubert	Christina	Germany
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CONSULTANCY SERVICES

Bacarese-Hamilton	Tito	United Kingdom
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DATEX-OHMEDA

Roiha	Markku	Finland
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GALACTICA

Pezzo	Mario	Italy
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GEISINGER HEALTH SYSTEM

Jones	Jay	United States
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HOSPITAL HOMOLKA

Taborsky	Ludek	Czech Republic
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IMPERIM

Backruschham	T.	Germany
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INSTITUT FÜR KLINISCHE CHEMIE – UNIVERSITY OF REGENSBURG

Lackner	Karl	Germany
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INTELLICARE

Mokros	Nicolai	United States
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INTERCOMPONENTWARE

Friedländer	Jon	Germany
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Staubert	Andreas	Germany
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ISIS / ACOR

Stenmans	Gerd	Germany
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ITC

Smith	Benjamin W.	United States
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JAEGER GMBH

Reinstaedtler	Juergen	Germany
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KBV

Mainz	Reinhold	Germany
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KRANKENHAUS TECHNIK / ECOMED VERLAG

Floder	Helmut	Germany
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LION BIOSCIENCE

Voss	Hartmut	Germany
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MED. FACHLABOR CHARLOTTENBURG



Eyhorn	Siegfried	Germany
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MEDAT COMPUTER-SYSTEME

Unverhau	Rainer	Germany
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MEDICAL NET GMBH

Nent	Dieter	Germany
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MOUNT SINAI HOSPITAL

Jacobs	Ellis	United States
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ORION DIAGNOSTICA

Hiltunen	Ossi	Finland
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Kahne	Kanker	Finland
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von Flittner	Gabriella	Finland
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PAUL HARTMANN AG

Wullkopf	Torsten	Germany
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PHARMACIA & UPJOHN

Björkman	Rune	Finland
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PRICAP VENTURE PARTNER AG

Sontheimer	Gerhard	Germany
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PROFIL GMBH / INSTITUT FÜR STOFFWECHSELFORSCHUNG

Heinemann	Lutz	Germany
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PVT

Heise	Michael	Germany
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RADIOMETER

Graversen	Nils H.	Denmark
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Kjoller	Klaus	Denmark
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RESPONSE BIOMEDICAL CORPORATION

Stephenson	Joanne	Canada
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ROCHE DIAGNOSTICS

Ek	Staffan	Germany
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Field	Sean	Germany
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Gromann	Klaus	Germany
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Harding	John	United States
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Heesch	Stefan	Germany
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Kargl	Christian	Austria
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Knafel	Andrzej	Switzerland
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Mollard	Jean-Francois	France
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Rasche	Michael	Germany
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St. John	Andrew	Switzerland
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TECHNIDATA

Steele	Trevor	France
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TELEMATIC PROJECT BMG

Zipperer	Manfred	Germany
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TRENDS IN TECHNOLOGY, S.L.

Ruiz                                  Ricardo                                  Spain

TRILLIUM GMBH

Hoffman                                  Georg                                  Germany

UNIVERSITY OF MÜNSTER

Brand    Germany

UNIVERSITY OF GIESSEN

Dudeck                                  Joachim                                  Germany

UNIVERSITY OF TÜBINGEN

Schlebusch                                  Harald                                  Germany

VERBAND DER DIAGNOSTICA-INDUSTRIE E.V.

Völkert                                  Emil                                  Germany

VITAL SCIENTIFIC

Overbeek                                  Harm                                  Netherlands

INDIVIDUAL ATTENDEES

Frey    David                                  Germany

Zucchelli                                  Dr.                                  Italy