

CAMDS – Requirements, Challenges, Solutions



iPoint

Product compliance and
sustainability solutions

www.ipoint-systems.com/

Today's Presenter



Achim Schrempp

Product Manager
iPoint-systems

achim.schrempp@ipoint-systems.de

1. CAMDS – Why now?
2. CAMDS Functionalities
3. CAMDS vs. IMDS – Similarities and Differences
4. CAMDS Requirements and Challenges
5. Solutions for Expediting and Simplifying CAMDS Processes
6. Q&A Session

1. CAMDS – Why now?

- The recently released Chinese ELV regulation requires that material and substance information is provided for all upcoming type approvals.
- Since China is forcing OEMs to provide this information in CAMDS, there will be a strong increase in requests to provide product information in CAMDS.
- It's a long way through the supply chain, so starting early means being prepared.

Your customers need your product declarations in CAMDS

2. CAMDS Functionalities



Similar to IMDS, CAMDS is designed and implemented to collect material and substance information for parts going into vehicles for China.

The automotive supply chain is requested to support this



Screenshots taken from http://www.camds.org/camds_en/20100916/090148.html

Do you see your customers?

If yes, then you should be prepared to provide CAMDS data!

Poll #1:

Have you already received CAMDS requests from your customers?

3. CAMDS vs. IMDS – Similarities and Differences

中国汽车材料数据系统
China Automotive Material Data System

Preload You Have 1225 New Mes.. Exit

MDSs & Modules Search Search >> MDSs & Modules Search

Component Semicom... Material Basic... All MDSs

Article Name:

Part/Item No.:

ID:

Date: Accepted /Published/ Internally released Created (own MDSs/Modules)
From: 2016-02-07 To: 2016-03-07 [Year(four digits)-Month(two digits)-Day(two digits)]

Supplier MDSs Accepted MDSs Published MDSs
Supplier: (please select...)

All

MDSs Modules

Own MDSs / Modules last edited by me

Search

CAMDS is a clone of IMDS (effective April 2013)

Similar

- Organization structure
- Recommended MDS
- Version management
- Sending and proposing
- Substance applications
- Public (M)MDS

Different

- Chinese names on several levels
- No weight dimension for semicomponents
- No substance groups
- Remark field for components
- Recipient-specific remark

If you're familiar with IMDS, you don't need to worry about working in CAMDS

4. CAMDS Requirements and Challenges

- The requirement to work in CAMDS is very similar to IMDS.
- You need to provide a product declaration for your parts. To do this, you need the information from your suppliers and material manufacturers.
- This requires that the entire supply chain supports this process.
- Since recently, companies no longer need an invitation to join CAMDS, but can register on their own.



China Automotive Material Data System - Opera

cuc.camds.org/camds/role/company/enterpriseRegisterLogin.action

Register supplier

Management >> Register supplier

Please make sure that your supplier has not been registered in CAMDS yet.
Please input the relevant data of supplier here. All the fields marking (*) must be filled in.

Supplier's Information

DUNS No.:	<input type="text"/>	DUNS format is 99-999-9999	
Chinese Name of Enterprise: *	<input type="text"/>	English Name of Enterprise: *	<input type="text"/>
Foreign Name of Enterprise:	<input type="text"/>	Institution code: *	<input type="text"/>
Country: *	China	Province/City:	
Address: *	<input type="text"/>	Postal code:	<input type="text"/>
Main Business:	<input type="text"/>	Enterprise Identity:	Supplier

Please enter the enterprise administrator information of your supplier here. Please note that the enterprise administrator should be an employee of your supplier and not yours. This user is responsible for registering other users of his(her) enterprise. Make sure that the enterprise administrators e-mail is correct, because his(her) registration data will be sent to it.

Supplier's Enterprise Administrator

Name: *	<input type="text"/>	Telephone No.: *	<input type="text"/>
Fax No.: *	<input type="text"/>	E-mail: *	<input type="text"/>

Copyright(c): China AutoMotive Technology & Research Center

Poll #2:

Is your company already registered
in CAMDS?

- The major challenge is to have all data available upon request.
- Depending on the depth of your supply chain, it may take some time until you have all data available to provide your product datasheets.
- The previous experience with IMDS shows that it takes time until you have your complete supply chain on board supporting CAMDS.
- Don't lose time!

Start requesting CAMDS from your suppliers ASAP!

5. Solutions for Expediting and Simplifying CAMDS Processes

Options to manage the CAMDS challenge:

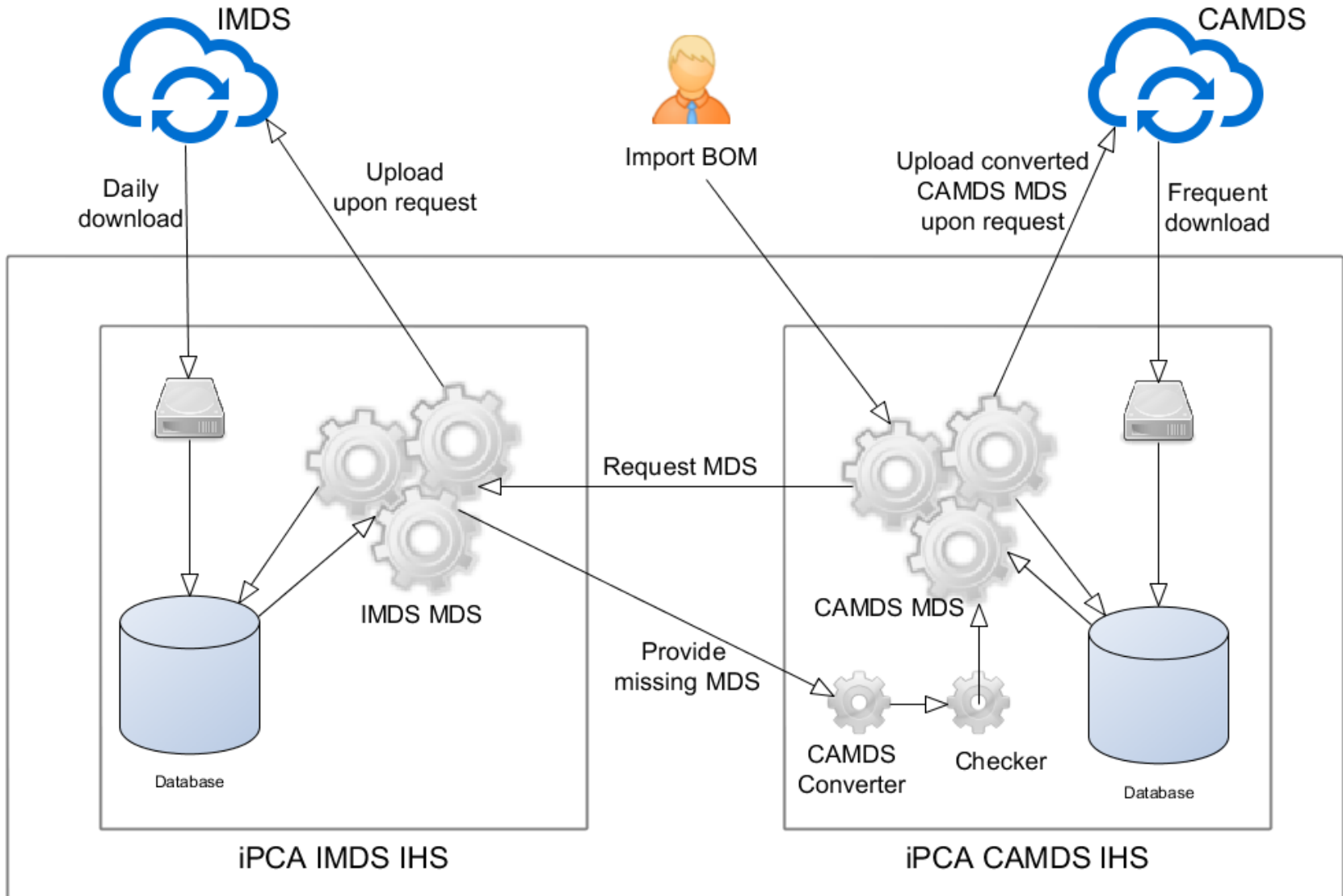
1. Enter the required data manually
2. Wait for all of your supplier submissions needed
3. Reject customer requests to provide CAMDS
4. Use an automated solution to manage the process

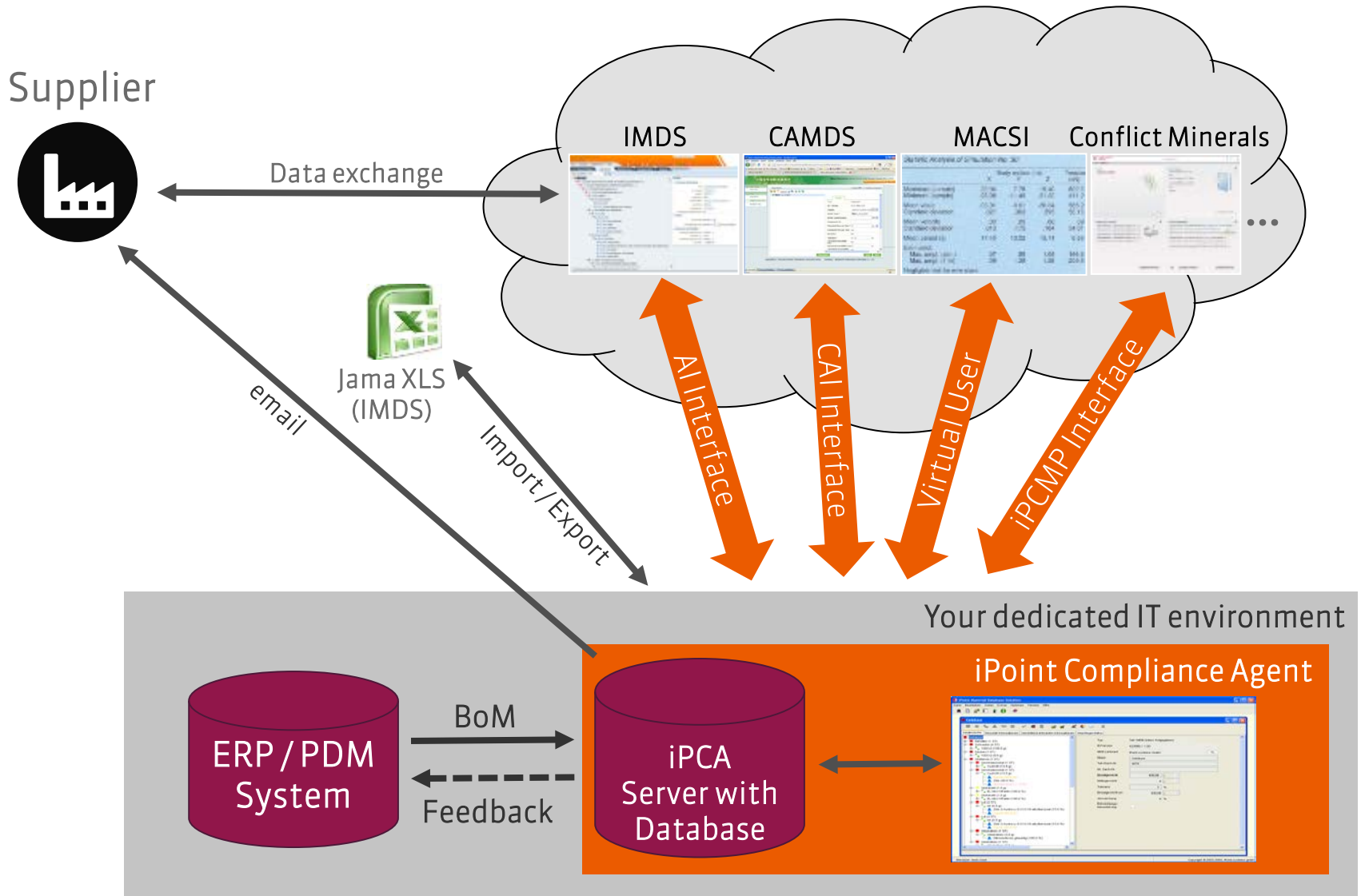


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Start integrating CAMDS into your processes now!

Use what you have!

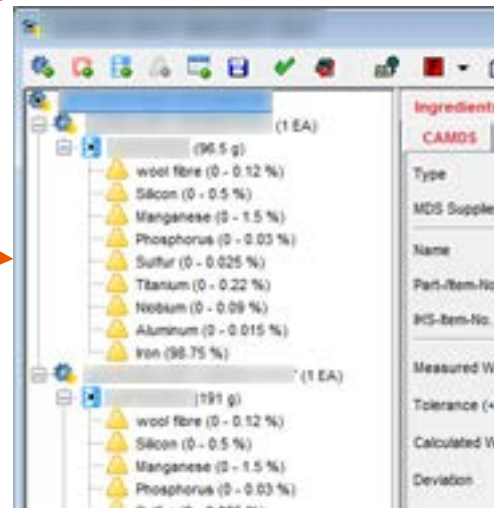
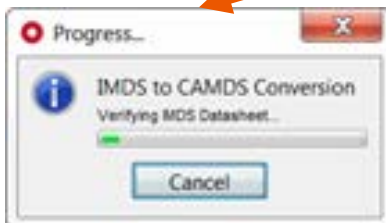
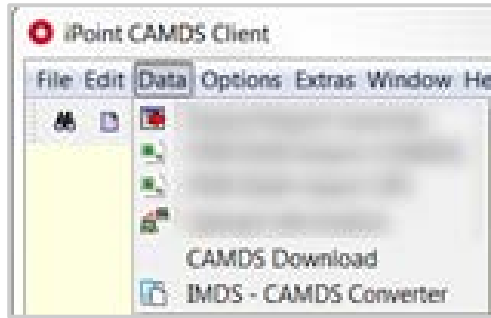




- The trusted application iPoint Compliance Agent (iPCA) supports your CAMDS processes.
- MDS required to be converted are identified when used in a BOM.
- The conversion is a highly automated process.
Experience from our customers: 95.5% fully automated conversion.
- You can define whether MMDS should be anonymized.
- Our substitution management function prevents that an MDS contained in many submissions is newly converted again and again.
- Increase the datasheet quality by using the same routines as for IMDS.

Reduce the conversion efforts to a minimum

Manual Conversion is Also Available



Mission Completed

Why do CAMDS with iPoint?



iPoint has more than 12 years of experience with IMDS Inhouse Systems.

iPoint is a specialist in converting MDS for other systems (e.g., MACSI, JAMA).

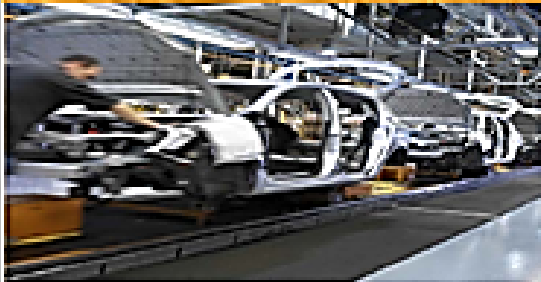
The import process with “gap identification” has been available for more than 10 years. It is highly configurable and customizable to fit your needs.

iPoint is an expert in the field of IMDS and CAMDS processes.

iPoint has the best expertise in Compliance Systems for Automotive Companies.

IMDS Newsletter 42

24th March 2016 Issue 1 / 2016 (c) IMDS Steering Committee



INTERNATIONAL
MATERIAL DATA
SYSTEM

In this IMDS Newsletter issue you can read about the following:

- | | |
|---|--------|
| 1. Amendment of the IMDS Terms of Use - Clarification | page 1 |
| 2. Call for Examples of Automotive Treated Articles | page 2 |
| 3. ACEA Flame Retardant Statement | page 2 |
| 4. IMDS Release 11.0 Forecast | page 2 |
| 5. Miscellaneous | page 3 |

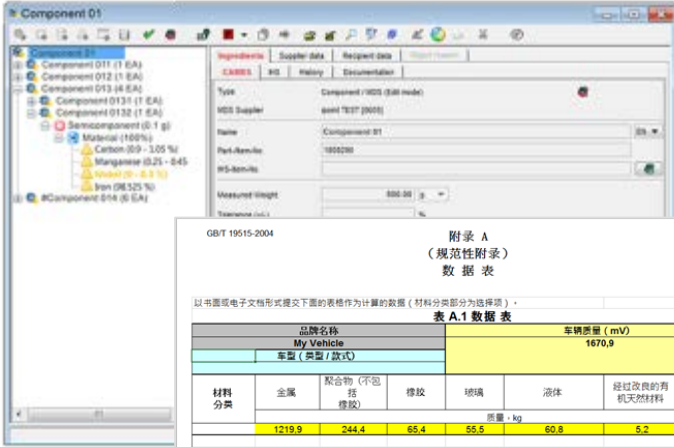
1. Amendment of the IMDS Terms of Use - Clarification

On 1st February 2016, the IMDS Terms of Use and IMDS-AI contracts were amended to reflect the decision of the IMDS Steering Committee to allow the transfer of existing IMDS data, only via IMDS-AI to non-IMDS systems under certain specified conditions.

The security and confidentiality of the IMDS system is not affected

iPoint offers a complete application suite to cover CAMDS processes:

- Manage your own CAMDS data
- Analyze your CAMDS data for regulations
- Convert IMDS data to be used in CAMDS
- Create RRR reports for GBT 19515-2004 as required by Chinese authorities



Component 01

Component 01 (1 EA)
Component 012 (1 EA)
Component 013 (4 EA)
Component 0131 (1 EA)
Component 0132 (1 EA)
Subcomponent (0-1 g)
Material (100%)
Carbon (09 - 3.05 %)
Aluminum (09 - 4.8 %)
Iron (08 525 %)

Component 01

Supplier data Recipient data

IMDS Supplier: 60417877 (2005)

Name: Component 01

Part Number: 1800280

IMDS Number:

Measured Weight: 800.00 g

Transaction (date):

GBT 19515-2004 附录 A (规范性附录) 数据表

以书面形式提交下面的表格作为计算的数据 (材料分类部分为选择项)。

表 A.1 数据表

品牌名称		车辆质量 (mV)					
My Vehicle		1670.9					
车型 (类型 / 款式)							
材料分类	金属	聚合物 (不包括橡胶)	橡胶	玻璃	液体	经过改良的有机天然材料	其它
	1219.9	244.4	65.4	55.5	60.8	5.2	19.7
质量 (kg)							
预处理 (m _p)	液体			m _{p1}			55.1
	电池			m _{p2}			61.4
	机油滤清器			m _{p3}			0.5
	L.P.G. 罐			m _{p4}			0.0
	C.N.G. 罐			m _{p5}			0.0
	轮胎			m _{p6}			46.4
催化转化器			m _{p7}			10.8	
m _p (m _{p1} 到 m _{p7} 的总和) =							174.3

Use the established iPoint Compliance Agent now also for CAMDS

You want to outsource some or all of your CAMDS-related activities? iPoint also offers the following services for the entire supply chain:

- Data transfer from IMDS to CAMDS
- Creation of CAMDS submissions for your customers
- Training:
 - Classroom courses for CAMDS (also available inhouse)
 - eLearning tutorial „First steps in CAMDS“



iPoint – your reliable CAMDS and IMDS partner

6. Q&As

Questions?



Achim Schrempp

Product Manager
iPoint-systems

achim.schrempp@ipoint-systems.de

Central email address for questions concerning the iPoint Compliance Agent:

iPCA-Info@iPoint-systems.com

Germany

iPoint-systems gmbh
Reutlingen, Headquarters
Ludwig-Erhard-Straße 58
72760 Reutlingen
Tel. +49.7121.14489-60
Fax +49.7121.14489-89
info@ipoint-systems.de

Dortmund

Windgatt 21
58730 Fröndenberg
Tel. +49.2377.7862-07
Fax +49.2377.7862-09
info@ipoint-systems.de

Munich

Therese-Giehse-Platz 6
82110 Germering
Tel. +49.89.800.6588-18
Fax +49.89.800.6588-20
info_muc@ipoint-systems.com

Austria

KERP
Kompetenzzentrum
Elektronik & Umwelt
Member of iPoint Group
Ignaz-Köck-Straße 10/
Top 3.04 Tech 21
1210 Vienna
Tel. +43.1.2720370-10
Fax +43.1.2720370-11
office@kerp.at

USA

iPoint Inc.
Ann Arbor
255 East Liberty, Suite 287
Ann Arbor, MI 48104
Tel. +1.248-282-4085
Fax +1.248-886-9121
info@ipointinc.com

United Kingdom

iPoint Ltd.
Manchester
11 Bellpit Close
Worsley
Manchester, M28 7XH
Tel. +44.1204.819051
Fax +44.1942.859199
info@ipoint-systems.com

South Korea

iPoint Korea
1029-8 Boeun bldg 3F
Yeongtong 1-dong
Yeongtong-gu Suwon-si
Gyeonggi-do
Tel. +82 31-203-4570
info@ipoint-systems.com

Sweden

iPoint-systems AB
Växjö
Framtidsvägen 16
SE-351 96 Växjö
Tel. +46 (70) 6405489
info@ipoint-systems.se

Japan

iPoint Japan Co Ltd
Tokyo
Oak Minami-Azabu Building 2F
3-19-23 Minami-Azabu, Minato-ku
Tokyo, Japan 106-0047
Phone +81 3 4580 1273
info@ipoint-systems.com

France

iPoint-systems gmbh
Paris
Tel. + 33.609.144643
info@ipoint-systems.com

China

iPoint Software and Information
Technology (Shanghai) Ltd.
爱鹏软件信息技术（上海）有限公司
Shanghai
Room No. 331, Catering Part 2, 3F
Huadu Building,
Zhangyang Road 828 – 838,
Pudong New District
Shanghai, China
info@ipoint-systems.com