

## Informationsblatt zur Marktkommunikation

### Marktpartner

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Name:	<b>Thyssengas GmbH</b>
Straße / Nr.:	<b>Emil-Moog-Platz 13</b>
PLZ / Ort:	<b>44137 Dortmund</b>
Internet:	www.thyssengas.com
Telefon:	+49 231 91291 - 0
Telefax:	+49 231 91291 - 2012
Geschäftsführung:	Dr. Thomas Gößmann (Vorsitzender), Jörg Kamphaus
Registergericht:	Amtsgericht Dortmund, HRB 21273
USt-IdNr:	DE 119 497 635
Bankverbindung:	Commerzbank Essen IBAN: DE64 3604 0039 0140 2908 00 BIC: COBADEFF360

### Marktrolle / Marktcodes

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EI-Code	21X-DE-G-A0A0A-U
EDIGAS-Code	RTGTSO
Netzbetreiber DVGW-Code:	9870009600007
Messstellenbetreiber DVGW-Code:	9800309300007

### Marktkommunikation

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Ansprechpartner Marktkommunikation 24/7

E-Mail: [datenaustausch@thyssengas.com](mailto:datenaustausch@thyssengas.com)

Telefon: +49 231 91291-7799

E-Mail Adresse 1:1 Kommunikation: **gasdata@thyssengas.com**

[Kommunikation via AS2 siehe ab Seite 3](#)

[Kommunikation via AS4 siehe ab Seite 7](#)

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## Informationsblatt zur Marktkommunikation

### Marktgebiet

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NetConnect Germany (NCG) H-Gas: NCHN007000960000

NetConnect Germany (NCG) L-Gas: NCLN007000960000

### Ansprechpartner 24/7 - Vertragsdispatching / Nominierungen / Allokationen

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	Telefon	E-Mail
Allgemeine Anfragen:		<b>cd@thyssengas.com</b>
El Hossain Azzouhri	+49 231 91291-6129	elhossain.azzouhri@thyssengas.com
Fabian Lang	+49 231 91291-4187	fabian.lang@thyssengas.com
Michael Rech	+49 231 91291-6054	m.rech@thyssengas.com
Enno Stieglitz	+49 231 91291-3201	enno.stieglitz@thyssengas.com
Manuela Stieglitz	+49 231 91291-1924	manuela.stieglitz@thyssengas.com

### Ansprechpartner Netzvertrieb/ Abrechnung

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	Telefon	E-Mail
Allgemeine Anfragen:		<b>eesy@thyssengas.com</b>
Jan Eisenberg	+49 231 91291-1930	jan.eisenberg@thyssengas.com
Thomas Nassowitz	+49 231 91291-1277	thomas.nassowitz@thyssengas.com
Markus Pfefferkuch	+49 231 91291-1937	markus.pfefferkuch@thyssengas.com
Maike Schikfelder	+49 231 91291-1269	maike.schikfelder@thyssengas.com

### Ansprechpartner Messdatenmanagement

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	Telefon	E-Mail
Allgemeine Anfragen:		<b>mscons@thyssengas.com</b>
Michael Bryl	+49 231 91291-3753	michael.bryl@thyssengas.com
Thomas Kirchhof	+49 231 91291-3617	thomas.kirchhof@thyssengas.com
Marcel Krebs	+49 231 91291-4716	marcel.krebs@thyssengas.com

# Informationsblatt zur Marktkommunikation

## AS2 Connecting Sheet

Partnername	<b>Thyssengas GmbH</b>
Marktpartner-ID	<b>9870009600007 RTGTSO 21X-DE-G-A0A0A-U</b>

### Contact Administration

<b>1. Ansprechpartner</b>	Thyssengas GmbH
Name	Datenmanagement
Telefon	+49-231-91291-7799
E-Mail	datenaustausch@thyssengas.com

### Contact Technical

<b>1. Ansprechpartner</b>	Thyssengas GmbH
Name	Datenmanagement
Telefon	+49-231-91291-7799
E-Mail	datenaustausch@thyssengas.com
<b>2. Ansprechpartner</b>	Virtimo AG
Name	Team Thyssengas
E-Mail	betrieb-thyssengas@virtimo.de

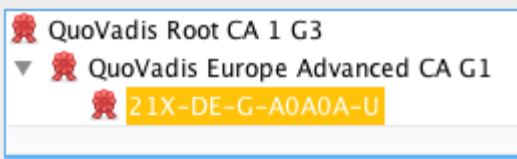
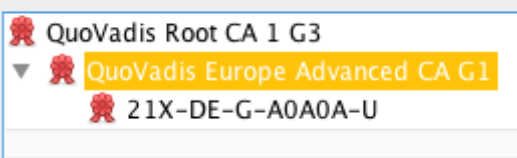
### AS2 Network Production

AS2-URL	<a href="http://b2b.thyssengas.com/AS2">http://b2b.thyssengas.com/AS2</a> <a href="https://b2b.thyssengas.com/AS2">https://b2b.thyssengas.com/AS2</a>
Inbound public IP-Address (Firewall)	212.60.253.242
Inbound Port of public IP-Address (Firewall)	80 (http) /443 (https)
Outbound public IP-Address(es) (Firewall)	213.160.31.68

### AS2 Network Integration / Test

AS2-URL	<a href="http://b2b.thyssengas.com/AS2-TEST">http://b2b.thyssengas.com/AS2-TEST</a> <a href="https://b2b.thyssengas.com/AS2-TEST">https://b2b.thyssengas.com/AS2-TEST</a>
Inbound public IP-Address (Firewall)	212.60.253.242
Inbound Port of public IP-Address (Firewall)	80 (http) /443 (https)
Outbound public IP-Address(es) (Firewall)	213.160.31.68

# Informationsblatt zur Marktkommunikation

<b>AS2-Parameter</b>	
AS2-ID	<p><b>987000960007</b> If message contains 9870009600007.</p> <p><b>RTGTSO</b> If message contains RTGTSO.</p> <p><b>21X-DE-G-A0A0A-U</b> If message contains 21X-DE-G-A0A0A-U.</p>
MDN Mode	Synchronous
MDN Signed	Yes
Signature Algorithm	RSASSA-PSS with SHA-2
Encryption Algorithm	AES128_CBC with RSAES-OAEP
Compression	Yes
Content-Type	Binary
Certificate validity (yyyy-mn-dd)	2018-09-25 to 2021-09-25, in use from 2018-10-09
Thyssengas Public Certificate File in use from Oct 9 <sup>th</sup> , 2018 10:00 hrs CET	<p><b>Zertifikats-Hierarchie:</b></p>  <pre> -----BEGIN CERTIFICATE----- MIIF+zCCA+OgAwIBAgIUVRvvNcKk8qmO4nCMbL0KUVwX1AwDQYJKoZIhvcNAQEL BQAwYXAcCzAJBgNVBAYTAkRFMR0wGAYDVQRhDBFWQVRRS1ERTI5Njg5ODM4MjEs MCoGAlUECgWjUXVvVmFkaXMGVHJ1c3RsaW5rIERldXRzY2hsYW5kIEdtYkxJzAl BgNVBAMH1F1b1ZhzG1zIEV1cm9wZSBzZHZhbmN1ZCB0QSBHMTAeFw0xODA5MjUx MjUxMTBaFw0yMTA5MjUxMzAxMzBAMGoxCzAJBgNVBAYTAkRFMR1WEAYDVQQLDAlF QVNFNS1HYXMXeJjAQBGNVBASMCUVBU0VFLWdhczEYMBYGA1UECgwPVGh5c3NlbnRhdh cyBHbWJIMRkwFwYDVQDDBAyMVgtREUtRy1BMEwQSI1VMI1BIjANBgkqhkiG9w0B AQEFAAOCAQ8AMIIBCgKCAQEAgTr5r1JT65Yhte5PAvX/d1DVub35JDc07GSu1xw nMu+CXs+WUueNjE+edD3hnLXGuJl6E16YeB0LvMtshVQNBbJg8uql1T5BNsNaJmP IdZ63MgbAUli/W2rhH7MoYzp0UldMVP3vAmfinsP2egEMZ1skFZ9pgxcUDW/SwoG iRVGCU5A1HCoK6avoMKcoPb20DA/zMvZq9CZV4+dFFMuY73LHnmDN9LhcfS4XVD6 Q1TaZCWCkKA21JadAYite/EooVy7gzwyTjHMYLCqbl174z9ySGBhb7GLEqjmlvOe 4NPr801NI1TbHdT1TBjRzD26TFjCGVLRWnY7SGfQp+Z0DQIDAQABo4IBgDCCAXww HwYDVROjBBGwFoAU2Gnt+AKNjNBkHa/b4hGS8dhmZCMwdAYIKwYBBQUHAQEEdBm MDgGCCSQAQUFBzAChixodHRwOi8vdHJ1c3QucXVvdmFkaXNnbG9iYWwY29tL3F2 ZWFjYXcLmNydDAqBggrBgEFBQcwAYYeaHR0cDovL29jc3AucXVvdmFkaXNnbG9i YWwY29tMFgGA1UdIARRME8wQWYJKwYBBAG+WAfKMDYwNA1KwYBBQUHAQEwKw0B dHA6Ly93d3cucXVvdmFkaXNnbG9iYWwY29tL3JlcG9zaXRvcnkWCAQYBACBEGED MB0GA1UdJQQWMBQGCCSQAQUFBwMCBggrBgEFBQcDBDA7BgNVHR8ENDAyMDCqLqAs hipodHRwOi8vY3JsLnF1b3ZhzG1zZ2xvYmFsLmNvbS9xdmVhY2FnmS5jcmwWHQYD VRO0BBYEFpB5LJJOwhVMaxiulT/0wF31yReJMA4GA1UdDwEB/wQEAwIF4DANBgkq hkiG9w0BAQsFAAOCAgEAOm5sOmoqoHgn8FATrX708oY2ZcNOzS2RuLbgoE8DxcH mmyN9UTfAhZBxgkQmvaCVKu3KTFvWEFISCUi9LW243JdrQ/vnlq30hcL8DFoEYfK AmcQkIKM1CcqT9DIVy9UJkvDP/4uiADFgoay0+kIfeRvtv00K18Mp603CTBHCPs C+OPcnXs6YBoeRxpmpVgff7xuz6A0Ew0fJMHgkKvcHPNqLpthrLa6bzkkzDFr0TH 1bpnCN7dv45+CBxkhh03n3tLHGjb50+WL3Dv7hrBzRVLK28sxs6TtF4hfL0opF+ sacswGBptCmNqfPoC5KHbCIViue+fYDVSkvOq1DkGDKsoNDGundGB1L87PuVc/w6 YfIns/GhVJPP/1eXMa8YBClqwELq66wBifM8d9z6w1uspiYyAJ0ZCvf4YCFiy X0X0Hi/xAtkdtI7KfdbbszfpftL7ig5NzCbOgZF//MDJbhrNugJmwsfFqMoxwBA +tfR9fujnHk4ZQiwteGNw+aP4xJg117SopfYSxnwHM/zpZRT3ka6gyht4S2zh UODtH62cPXMqnfYBHwIEzBaZE4qdBydtLqUkKS6P+HJh2qk1SgVjAbbb4kra/P5J shwGDBqh4+LBaEBFPp3zWds79+Pv4cDZk+RGM3vwqo5v+n06HbqnBsY1HN4wY= -----END CERTIFICATE----- </pre>
QuoVadis Intermediate Certificate:	<p><b>Zertifikats-Hierarchie:</b></p>  <pre> -----BEGIN CERTIFICATE----- MIIG9DCCBnygAwIBAgIUizLFWu5AhRiawLboOUb01kunTmowDQYJKoZIhvcNAQEL </pre>

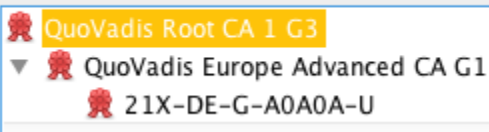
# Informationsblatt zur Marktkommunikation

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-----END CERTIFICATE-----

QuoVadis Root Certificate:

**Zertifikats-Hierarchie:**



-----BEGIN CERTIFICATE-----

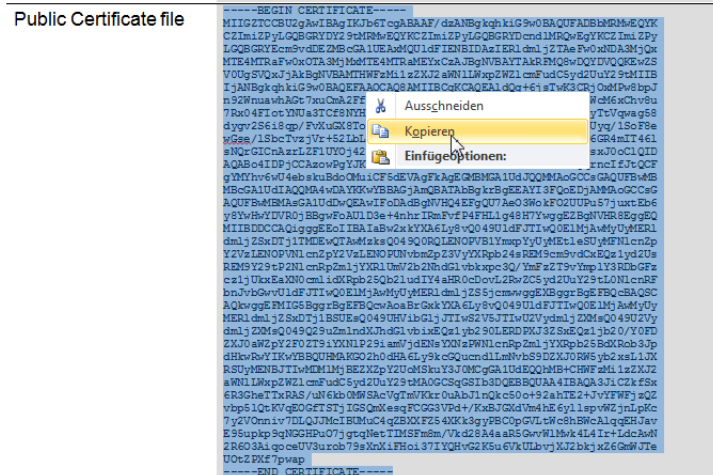
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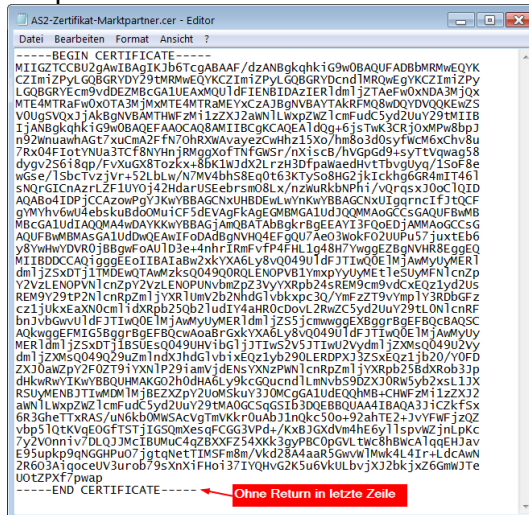
# Informationsblatt zur Marktkommunikation

## Creating the certificate (cer file)

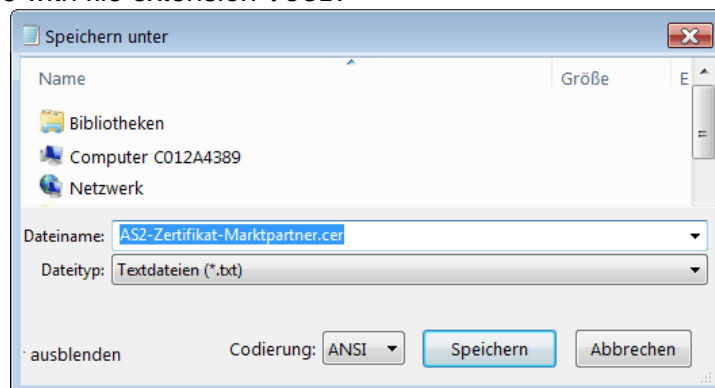
1) Copy the text:



2) Create new text file and paste text. Last line should contain no CR/LF.



3) Save the file with file extension .cer:



Germany only: Es gelten die jeweils aktuellen VEDIS-Empfehlungen:  
<https://www.bdew.de/internet.nsf/id/it-sicherheitsempfehlunge> (ohne "n").

# Informationsblatt zur Marktkommunikation

## AS4 Connection Sheet

Partner name	Thyssengas GmbH
EIC	21X-DE-G-A0A0A-U
Edigas-Code	RTGTSO
<b>Contact Administration</b>	
<b>1. Primary Contact</b>	
Name	Thyssengas GmbH
Phone	Datenmanagement +49-231-91291-7799
E-mail	datenaustausch@thyssengas.com
<b>Contact Technical</b>	
<b>1. Primary Contact</b>	
Name	Thyssengas GmbH
Phone	Datenmanagement +49-231-91291-7799
E-mail	datenaustausch@thyssengas.com
<b>2. Backup Contact</b>	
Name	Virtimo AG
E-mail	Team Thyssengas betrieb-thyssengas@virtimo.de
<b>AS4 Network Production</b>	
AS4-URL	<a href="http://b2b.thyssengas.com/AS4">http://b2b.thyssengas.com/AS4</a> <a href="https://b2b.thyssengas.com/AS4">https://b2b.thyssengas.com/AS4</a>
IP-Address	212.60.253.242
IP-Address for sending	213.160.31.68
<b>AS4 Network Integration / Test</b>	
AS4-URL	<a href="http://b2b.thyssengas.com/AS4-TEST">http://b2b.thyssengas.com/AS4-TEST</a> <a href="https://b2b.thyssengas.com/AS4-TEST">https://b2b.thyssengas.com/AS4-TEST</a>
IP-Address	212.60.253.242
IP-Address for sending	213.160.31.68

## Informationsblatt zur Marktkommunikation



## Informationsblatt zur Marktkommunikation

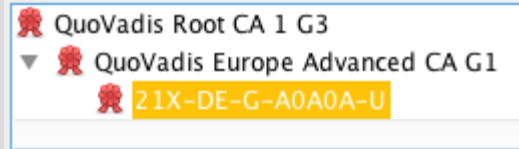
<b>AS4 Parameter</b>	
PartyID	21X-DE-G-A0A0A-U
PartyID Type (optional)	<a href="http://www.entsog.eu/eic-codes/eic-party-codes-x">http://www.entsog.eu/eic-codes/eic-party-codes-x</a>
Agreement	Schema: <a href="http://entsog.eu/communication/agreements/&lt;EIC_CODE_Party_A&gt;/&lt;EIC_CODE_Party_B&gt;/&lt;version&gt;">http://entsog.eu/communication/agreements/&lt;EIC_CODE_Party_A&gt;/&lt;EIC_CODE_Party_B&gt;/&lt;version&gt;</a> where <party-A>, <party-B> are the party EIC codes in alphabetical order
Service	A06
Service Type (optional)	<a href="http://edigas.org/service">http://edigas.org/service</a>
Action	<a href="http://docs.oasis-open.org/ebxml-msg/as4/200902/action">http://docs.oasis-open.org/ebxml-msg/as4/200902/action</a>
XML Encryption	AES128-GCM (unless otherwise agreed)
Signature Algorithm	SHA-256
Compression (optional)	Application/gzip
Certificate validity (yyyy-mn-dd)	2018-09-25 to 2021-09-25, in use from 2018-10-17

# Informationsblatt zur Marktkommunikation

## Content Certificate

Thyssengas Public Certificate File  
in use from Oct 17<sup>th</sup>, 2018 09:30 hrs CET

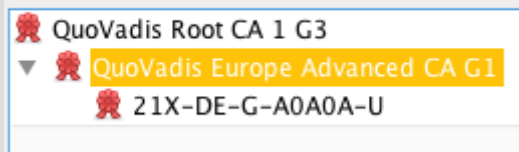
### Zertifikats-Hierarchie:



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-----END CERTIFICATE-----
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### QuoVadis Intermediate Certificate

### Zertifikats-Hierarchie:



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# Informationsblatt zur Marktkommunikation

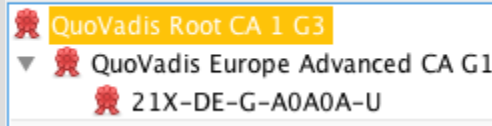
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QuoVadis Root Certificate:

### Zertifikats-Hierarchie:



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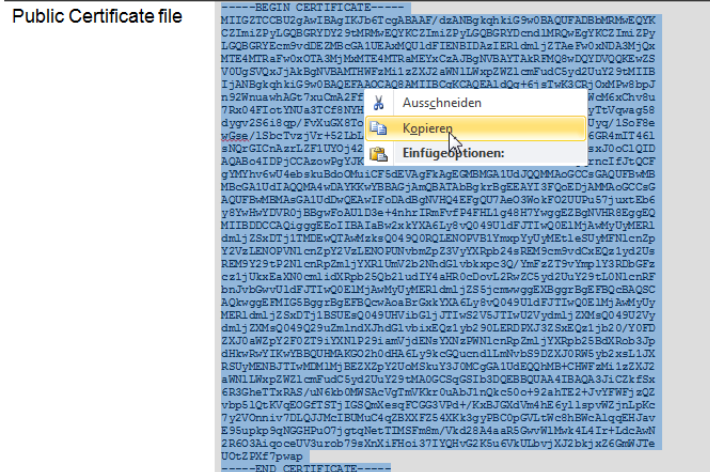
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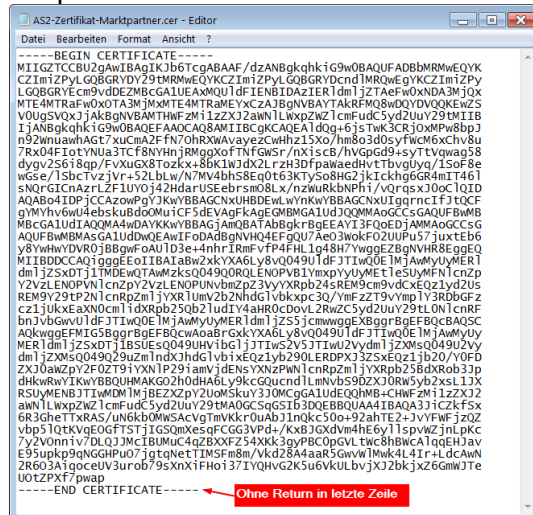
# Informationsblatt zur Marktkommunikation

## Creating the certificate (cer file)

1) Copy the text:



2) Create new text file and paste text. Last line should contain no CR/LF.



3) Save the file with file extension .cer:

