

Market Partner

Name:	Thyssengas GmbH
Street & no.:	Emil-Moog-Platz 13
Postcode / place:	44137 Dortmund (GERMANY)
Homepage:	www.thyssengas.com
Telephone:	+49 231 91291 - 0
Fax:	+49 231 91291 - 2012
Managing directors:	Dr. Thomas Gößmann (Chairman), Jörg Kamphaus
Register court:	Registered at local court Dortmund, HRB 21273
VAT:	DE 119 497 635
Bank data:	Commerzbank Essen IBAN: DE64 3604 0039 0140 2908 00 BIC: COBADEFF360

Market role/ market codes

EI-Code	21X-DE-G-A0A0A-U
EDIGAS-Code	RTGTSO
Grid Operator DVGW-Code:	9870009600007
Metering Point Operator DVGW-Code:	9800309300007

Market Kommunikation

[Communication via AS2](#) [see page 3](#)

[Communication via AS4](#) [see page 6](#)

[Communication via E-Mail/SMTP](#) [see page 9](#)

Market Area

NetConnect Germany (NCG) H-Gas: NCHN007000960000
 NetConnect Germany (NCG) L-Gas: NCLN007000960000

Contact Persons 24/7 – Contract Dispatching / Nomination / Allocation

	Telephone	E-Mail
General enquiries:		cd@thyssengas.com
El Hossain Azzouhri	+49 231 91291-6129	elhossain.azzouhri@thyssengas.com
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Contact Persons Capacitymanagement/ Billing

	Telephone	E-Mail
General enquiries:		eesy@thyssengas.com
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Contact Persons Measurementmanagement

	Telephone	E-Mail
General enquiries:		mscons@thyssengas.com
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Contact Persons Market kommunikation 24/7

E-Mail: datenaustausch@thyssengas.com
 Telephone: +49 231 91291-7799
 E-Mail Address for 1:1 Kommunikation: **gasdata@thyssengas.com**

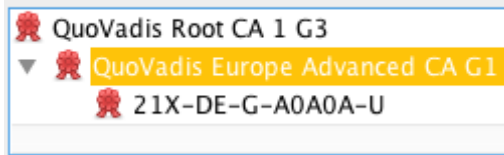
AS2 Connecting Sheet

Partner Name	Thyssengas GmbH
Market Partner-ID	9870009600007 RTGTSO 21X-DE-G-A0A0A-U
Contact Administration	
1. Contact person	Thyssengas GmbH
Name	Datenmanagement
Telephone	+49-231-91291-7799
E-Mail	datenaustausch@thyssengas.com
Contact Technical	
1. Contact person	Thyssengas GmbH
Name	Datenmanagement
Telephone	+49-231-91291-7799
E-Mail	datenaustausch@thyssengas.com
2. Contact person	Virtimo AG
Name	Team Thyssengas
E-Mail	betrieb-thyssengas@virtimo.de
AS2 Network Production	
AS2-URL	http://b2b.thyssengas.com/AS2 https://b2b.thyssengas.com/AS2
Inbound public IP-Address	212.60.253.242
Inbound Port of public IP-Address	80 (http) /443 (https)
Outbound public IP-Address	213.160.31.68
AS2 Network Integration / Test	
AS2-URL	http://b2b.thyssengas.com/AS2-TEST https://b2b.thyssengas.com/AS2-TEST
Inbound public IP-Address	212.60.253.242
Inbound Port of public IP-Address	80 (http) /443 (https)
Outbound public IP-Address	213.160.31.68

AS2 Connecting Sheet

QuoVadis Intermediate Certificate:

Zertifikats-Hierarchie:



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QuoVadis Root Certificate:

Zertifikats-Hierarchie:



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```

AS4 Connection Sheet

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

AS4 Connection Sheet

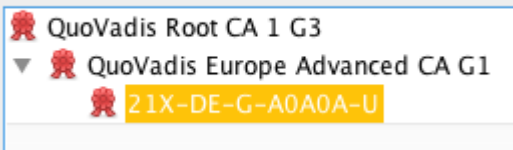
AS4 Parameter	
PartyID	21X-DE-G-A0A0A-U
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Agreement	Schema: <a href="http://entsog.eu/communication/agreements/<EIC_CODE_Party_A>/<EIC_CODE_Party_B>/<version>">http://entsog.eu/communication/agreements/<EIC_CODE_Party_A>/<EIC_CODE_Party_B>/<version> where <party-A>, <party-B> are the party EIC codes in alphabetical order
Service	A06
Role	ZSO
Service Type (optional)	http://edigas.org/service
Action	http://docs.oasis-open.org/ebxml-msg/as4/200902/action
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

Content Certificate

Thyssengas Public Certificate File

in use from Oct 17th, 2018 09:30 hrs CET

Zertifikats-Hierarchie:



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AS4 Connection Sheet

<p>QuoVadis Intermediate Certificate</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Zertifikats-Hierarchie:</p> <ul style="list-style-type: none"> QuoVadis Root CA 1 G3 ▼ QuoVadis Europe Advanced CA G1 21X-DE-G-A0A0A-U </div>	<pre> -----BEGIN CERTIFICATE----- MIIG9DCCBNygAwIBAgIUlZLFWu5AhRiawLboOUb01kunTmowDQYJKoZIhvcNAQEL BQAwSDELMaKGA1UEBHMCMQk0xGTAXBgNVBAoTEFFf1b1ZhZGlzIEVxpW10ZWQxHjAc BgNVBAMTFVf1b1ZhZGlzIFJvb3QgQ0EgMSBHMzAeFw0xODA5MTUxODM1MzhaFw0y ODA5MTUxODM1MzhaMIGAMQswCQYDVQQGEwJERTeAMBGA1UEYQVWVWVWVWVWVWVW OTY4OTgzODIxLDAqBgNVBAoMI1F1b1ZhZGlzIFRyYXN0bGluayBEZXXV0c2NobGFu ZCBHbWJIMSwwCQYDVQDDDB5RdW9WYWRpcyBfBfdXJvcGUgQWR2Y2W5jZWQgQ0EgRzEw ggIiMA0GCsGqSIB3DQEBAQUAA4ICDWAwwgIKAoICAQCg1hKk0qgfdU+r7/9r53JZm/ Zm/YrEdlcrqsgXmCcept1L4RBMVasI6pvo113bwr9gb+TaeWp0S/bhtgAeouE1I 05pTQRMy9BhekQIyiH5BmbMrfgnskYnQ95e8m/RcPuxuEfpJFY29B/bpUIPHv5yv B0rww2n3Xd//qb06Ff+0QTrsEicjXR6dy0hgnb6r9BM84/s1V4+JTcrQc9f5o2zrx RH8MKkuWaiX003Cb16snR6sAUCgY1M8AYLIX3+Uf9rgj0cfcFQQ5j+c/uMg7jaKI+ Xxe7PH28KufdgH1fqYo01qkZwVmSeiHhSzyZgppsCusnjMUhVnqkqILP+OWMwJtA IW3rYxX13xkRkdp4fFLDLSMFRiEmaOSP0kyjpcRRAbWJIMk9ecPv5zSgJ4qfzP NNiJ6g1TvhV79asSYBRELgVUQBbzdTlJukbc7JlHJbEnQzjzltFzeZDI5w+dJ2KKO LEZuH7aaBC+ojA38iF39Ixl1ujRhpm5rZCGuxTuIFVFi//jZg5gpgHFFxphj skrLxqRkV6ABzS9wMfYrc2xK00Q47/PHS/7Nxr33E1HGp5r9XvzM2042UyKQiF8f b7FbJxgyf92JE3zwpEKH4y/NDevm+YZcQjYCR+RYju0e38H31Z/BKfTgQ1Krfcki jXJ7p/YV+H88qGyiPqabkQIDAQABo4IBmzCCAzcwEgYDVROTAQH/BAgwBgEB/wIB ADAFBgnVHSMEGDAWgBSj19bzXqIQ4atFznwXZDzuAXCzDB0BggqRFEBFQCBAQR MGYwOAYIKwYBBQUHMAKGLGh0dHA6Ly90cnVzdC5xZW92YWRpc2dsb2JhbC5jb20v cXZyY2ExZmY3J0MCoGCCsGAQUFBzABhh5odHRwOi8vb2Nzc5xdW92YWRpc2ds b2JhbC5jb20wSgYDVDR0gBEIwQDA+BgRVHSAAMDYwNAYIKwYBBQUHAEwKGLGh0dHA6 Ly93d3cucXVvdMfkaXNnbG9iYWwWuY29tL3JlcG9zaXRvcnkMwYDVRO1BcWwKqYI KwYBBQUHAWIGCCsGAQUFBwMEBgorBgEEAYI3CGMMBgggrBgEFBQCcDCTA7BgNVHR8E NDAYMDCGlqAshipodHRwOi8vY3JsLnF1b1ZhZGlzL2Z2xvYmFzLnMvS9xndjYjYTFn My5jcmwWYDVRO0BBYEFNhp7fgCjS2wZB2v2+IRkvHYZmZjMA4GAlUdDwEB/wQE AwIBBjANBgkqhkiG9w0BAQsFAAOCAgEANEzb0yzzI/dj9Am65xt/owSmzKcZIRY 3tqxYiDu/1AJ5gagAcw40rs4TaeBjjIt6SfiaLIcTT3o2QcbwXUttqz6M0JV6116M AQP+LXsYu5t3L6m6THrgcpOuqJvE0WoeZGcXdzK//7iJjDDAKhIATS2rjiXvNQ21 1L07zBvyRvLftkIeHPLQpZBI/RHkx3684+wngBstI2Tsa0nABuWtYEVZ2RztgSj UxxeHFW1lDXt17izBBs88I2r2Snl1iNNoThkrR8D90q9PgszcebyzFlb3P7e35Ge tyNg3ARrnK/pP+/kjU85IBnZQXrWOGQSGwQ68ZSbFhJHJjUMXh2cN0EgIMr300F VNiK67hYVrmZAKFFx21rcxUIND1rQcWf4FypS/Rmtusnyjfx2kS0qtKj01zglXRM 4/ZgvyUzbjIg8bbAv5sXF6w127mclj4es04X53sKaMiZRGDew3+1psa3EwG9a GPYHKdgIptdydAV7jaeJcmnsiWMW1vzswKdZ7HrTat739B3qGGrPORTyf3WpI VPH1uv9P9D7LvaZMwCiFojNPdtCvvgGO/KEM5pQ58hu6xjjuTCG3s7Ks20d5JU opXvaxpjLCRuiX2MBeI8PCM9cvjZH4M9L1XJ+CTO+sg+mb81ze1ky5j/R/H00Wmj DhtVPjvXY6o= -----END CERTIFICATE----- </pre>
<p>QuoVadis Root Certificate:</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>Zertifikats-Hierarchie:</p> <ul style="list-style-type: none"> QuoVadis Root CA 1 G3 ▼ QuoVadis Europe Advanced CA G1 21X-DE-G-A0A0A-U </div>	<pre> -----BEGIN CERTIFICATE----- MIIFyDCCA0igAwIBAgIUeFhFLq0sGUvjNwcl1NBMotZbUZzWmDQYJKoZIhvcNAQEL BQAwSDELMaKGA1UEBHMCMQk0xGTAXBgNVBAoTEFFf1b1ZhZGlzIEVxpW10ZWQxHjAc BgNVBAMTFVf1b1ZhZGlzIFJvb3QgQ0EgMSBHMzAeFw0xMjAxMzI3NDRAeFw0MjAx MjAxMzI3NDRAeGxkZG90Y290Y290Y290Y290Y290Y290Y290Y290Y290Y290Y290Y2 aWpldGvKMR4wHAYDVQDEExVrdW9WYWRpcyB5Sb290IENBIEBGRzRmWgJiMA0GCsG SIB3DQEBAQUAA4ICDWAwwgIKAoICAQCg1AQjunnyEC0BJyFuTHK3C3kEaKEPBTv wedYMB0ktMPvhd6MLOHBPd+C5k+tR4ds7FtJwUrvu4/sh6x/gpG7D0DMVIB0jWe rNrwU8lMpnSsAgHaJm7qAJGr6Qc4/hzWHA39g6DbXwz8z6+cZM5cOGMAqNF341 68Xfuw6cwI2H44g4hWf6Pser4BOcBRIYz5P1sZK0/CPTz9XEJ0ngnjybCKOLXSOH 4Pw5q1PaF7PGglTvf0FBM+hSo+LdoInofjSxxR3W5A2B4GhPggb6U15jxaYA/qXp UhtStZi5cgMJYr2wYBZupt01wgNm3fME0UDItoUG9G/lg6AnhF4EwfWQvTA9x0+o abw4m6Sk1tFi2mnAAZauy8RRNOoMqv8hjlmPS1zkYZqn0ukqeI1RPT0V7qJZjqlc 3sx5kCLl1Eivx3ZGZbHqfPT2Yf72vhZooF6uCyP8Wg+qInYtYaeQHEtTRCOQjI/G KubX9ZqzWB4vMIkIG1SItZgj7Ah3HJVdYdHLiZxfokqRmu8hqqkWCki9Y5gxyXst hfbZxbGL0eUQmk1fiya6PEkfm4VZDdvLCXVdAXP7a3F98N/ETH3Goy7I1XnLc6KO Tk0k+17kBL5y66YnLUlamXrXXAkgT3+Uuu/xDRxeIEtEbEbnkduEBPrq34wGMAot zCjvpUfzUwIDAQABo0IwQDAPBgnVHRMBAf8EBTADAQH/MA4GAlUdDwEB/wQEAWIB BjAdBgnVHQ4EFgQUo5fW816iEOGrR288F2Q87gFwnMwDQYJKoZIhvcNAQELBQAD ggIBABj6W3X8PnrHX3fHyT/PX8MSxEbd1DKquGrX1RUVrpgjpeaQWxiZTOotQcQ mTaIzen7xASWSI5Bx40Bz1szBpZGZnQdT+3Btrm0DWHM37XlneMlhWqI2hrhVd2 cDMT/uFPp1N3GPOajOi9ZcnpP/TJF9zrx7zABC4tRi9pZsMbj/7sPtPKL192ciUN qXsCHKnQ018LWIE6PwThv6ctTrlNxpNpxiIY0MwscgKCP6o6joilzHdCGPDDrS5 YcgtW2jgFqlmginR9etT2DGbe+m3nUvriBbP+V04ikkwj+3x6xn0dxoxGEl1nVGSw b2X52z3sIexe9PSlymB1VNFxZPT5pqQBMzYzcfCkeF9OrYmH3jRjJehZrJ3ydl02 8hP0r+AJx2EqbPfgna67hkooby7utHnNkDPDs3b69fBsnQQG+p6Q9pxy20fawx/k NSBT81TR32GdpgLiJTjehTItXnOQU11CxM49s+H5GYQd1aUqEh7QRTDvdhJWqNj ZgKAVQU600ec7AAmTPWIUb+oI38YB7AL7YsmoWTTUrrXJ/es69nA7mf3W1daWhp q1467HxpvMc7hU6eFbm0FU/DlXpY181s6WY58y1jYXrQs8C097Vp14K1bQMjIMYft nh8GKjwStsPm6Ik8Ka1nrgS7ZklmOVhMJKzRwuJiczYOXD -----END CERTIFICATE----- </pre>

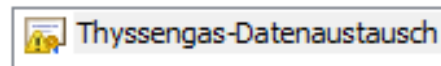
E-Mail/SMTP Connection Sheet

Partner name	Thyssengas GmbH
Market Partner-ID	9870009600007 RTGTSO 21X-DE-G-A0A0A-U

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

Thyssengas Public Certificate File:
in use from April 3th, 2019 10:00 hrs CET

Zertifizierungspfad



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-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----
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