



# ic3s SMS delivery (mobile terminated SMS)

(2028PB00\_SMS-delivery\_v6.0)

While the market for person-to-person SMS is almost saturated, the market for mobile entertainment (ring tones etc.) as well as for information and news services steadily grows. Therefore the ic3s AG offers solutions which are aligned with your individual needs more strongly than ever. With our technically mature SMS Gateway we provide a complete interface solution for the best prerequisites to high-quality and safe SMS dispatch into all German networks as well as into approximately 550 international networks.

The ic3s SMS-Gateway offers a low cost bulk- or single transmission of your SMS to all German and approx. 550 internationale mobile networks. Furthermore messages can be sent from the mobile networks to the T-Com fixed network. With SMS-compatible end user devices they'll be delivered as SMS, or else they get converted into voice-messages and get transmitted to the designated participant via voice connection.

You only maintain one technical connection to us. The ic3s AG then executes the implementation and support of the different network operator inter-faces. Our service therefore is simple and cost-effective.

Above all the SMS-Gateway offers high reliability. Even at a short-term failure of the network operator your SMS remains temporarily saved and is immediatly delivered when the network is available again.

We offer several possibilities of data transmission. You can select from the available interfaces and get if required a EMI/UCP-driver (SMIP) for WinNT, Linux and Solaris, incl. an interface description.

## Additional Information:

- availability minimum 99% p.a.
- Standard-throughput of 5 SMS/sec.
- protocols: EMI/UCP, SMPP, HTTP or SMTP (email).  
Provision by ic3s of a "SMIP" EMI/UCP driver for WinNT, Linux and Solaris including interface description
- customer identification with IP-adress / login name and password
- data security with TLS 128-bit encryption (optional)
- technical support: Hotline 9:00 to 17:00 local time, Monday till Friday

## Advantages in the transmission to international networks

ic3s provides SMS transmission to approx. 550 different GSM-networks. An almost economically full coverage can be achieved with our worldwide connection to currently more than 200 countrys.

ic3s cooperates with several well-known international partners. The flexible „Route-Management“ is the most important advantage in the transmission to international networks. We offer:

- an optimal mix of attractive price and stable quality
- continuous expansion by new networks / new countries
- reliability by means of backup routes

## Possible applications:

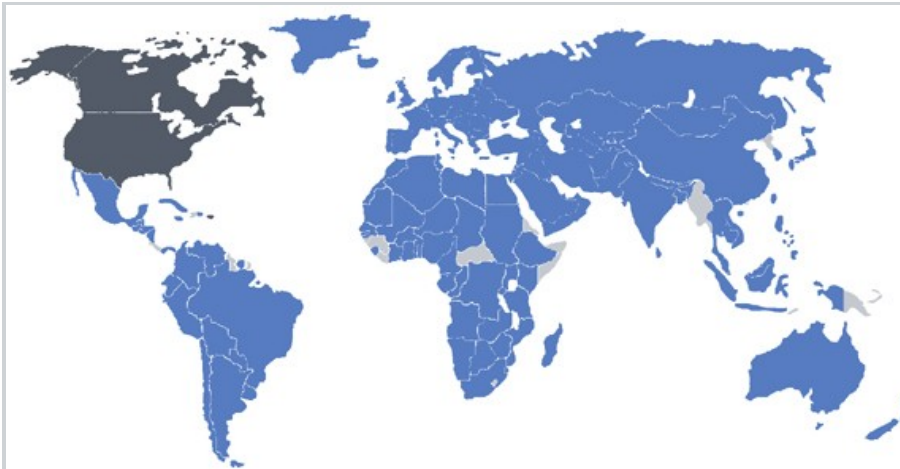
- **machine-2-machine, communication via SMS**
  - status requests
  - program commands
  - fault reports
- **application-2-person, communication via SMS**
  - delivery of orders, e.g. logos, ringtones, Wap Push-messages
  - notification, status and alarming
  - information services
  - handshake SMS

## Advantages:

- **simple to use** One interface to ic3s for all network operators
- **cost advantage** no network operator setup fees
- **security** intermediate storage during temporary failure of the network operator

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## Provided countrys:



The map shows an overview which countries are covered by our product (blue).

## Supported performances:

	MT to german networks	MT to international nets
person2person SMS	yes	yes
application2person SMS	yes	yes
text messages	yes	yes
binaries	yes	in most networks
alphanumeric sender	yes	in most networks
notification request (NR)	yes, except for O2 Germany	on request
quality of service	carrier-grade	high / best-effort

## Standard features:

- SMS-Gateway into all german networks and 550 international networks
- transmission into fixed network (SMS respectively voice message delivery)
- optional simple bulk transmission function
- statistical information are available in the ic3s customer's lounge (password secured)
- itemized bill

## Optional features:

- notification request
- Wap Push

## Related products:

- SMS Large Account Hosting
- SMS long number-reception

## About us

The ic3s AG is a provider of technical quality services in the field of mobile communication since 1997. Our focus are services for telecommunication network operators, GSM-service providers and value added service providers as well as other business customers.

We are able to meet the high demands of our customers for innovative messaging- and billing solutions by our technical expertise and high flexibility. This applies for the technical implementation, as well as development and operations of our customers' business ideas as well as for consulting needs in advance.

Our solutions are continuously reworked and optimized, particularly amongst the cost/capacity aspect. We are looking forward to provide you information about our various solutions. Please contact us!

