

Dear Valued Clients,

Subject: Important Notice Regarding TID Rollover and Key Change

As part of our ongoing commitment to providing reliable and secure prepayment metering solutions, we would like to bring to your attention an upcoming event that may impact the operation of your STS compliant meters.

WHAT IS TID?

The Token Identifier (TID) is a crucial component within STS compliant tokens, serving to identify the date and time of token generation. This 24-bit field plays a pivotal role in determining the validity of tokens used in payment meters. It's imperative to note that the TID represents the number of minutes elapsed since the base date of 1st January 1993. As this 24-bit field increments, there comes a point where the TID value will roll over to **zero**.

We wish to inform you that all STS prepayment meters will be affected by the **TID** rollover on the **24th of November 2024**. Following this event, any tokens generated afterward and utilizing the 24-bit TID calculated on the base date of 1993 will be rejected by the meters. This rejection occurs because the TID value encoded in the token will have reset back to 0.

To effectively address the occurrence of the TID rollover, a key change process is essential for all meters. This process involves the issuance of key change tokens with the roll-over bit set. By implementing these changes, the meters will reset the TID stack memory to 0, ensuring seamless operation post-rollover.

After the TID rollover key change, the new TID will be calculated from the 2014 base date and will remain valid until 2045, aligning with the lifespan of the new vending key revision.

We understand the importance of uninterrupted metering services for your operations and are committed to facilitating a smooth transition through this process.

Should you have any questions or require further clarification, please do not hesitate to contact our support team.

Thank you for your attention to this matter, and we appreciate your continued trust in our services.

Sincerely,

The Meter Man Team