

# Prepare for the TID Rollover for all Prepaid Meters

## What is the TID Rollover?

All STS prepayment meters will be affected by TID roll over on the **24th of November 2024**. Any tokens generated after this date and are using the 24bit TID (Token ID) will be rejected by the meters as being "old tokens" as the TID (Token ID) value embedded in the token will have reset back to 0.

## What is a TID (Token ID)?

The Token Identifier is a 24 bit field, contained in STS compliant tokens, that identifies the date and time of the token generation. It is used to determine if a token has already been used in a payment meter.

## What is STS6 / STS Edition 2?

The STS Association has developed a new vending algorithm that Introduced a better vending key security. A new base date has been introduced (2014) to allow vending to take place after 2024 via the new vending keys. However, in order for meters out in the field to work with this new key (and TID starting point), it is necessary to change each meter key and to clear the TID memory in each meter. STS6 / STS Edition 2 compatible devices will function on Key Revision Number 2

## What is the solution?

In order to overcome this problem all meters will require key change tokens with the new roll over bit set. Each meter will need 2 x 20 digit STS key change tokens to be entered into the meter.

## Important things to note

- Some older STS prepayment meters may not accept the TID Rollover key change tokens and will need to be replaced.
- All prepayment meters need to be key changed before November 2024 in order to ensure that tokens are accepted in the meters.

## How is netVendor preparing for the TID rollover?

netVendor is actively putting measurements in place and ensuring that our clients are taking care of when the time of TID rollover "rolls" in. We will communicate the solution in advance to the clients & staff via email to ensure everyone is aware of what will happen and how to move forward.

Please visit [www.sts.org.za/tid-rollover](http://www.sts.org.za/tid-rollover) for more information on the TID Rollover.