

## Instruction software update 2.2.4

GroSens MultiSensor

To make use of the latest software models two actions are required:



Updating your GroSens Smartbox

Set the proper slab type for each of the defined irrigation sections

### V2.2.4 or higher

This version contains:

- An improved model for Water Content (WC)
- An improved model for EC
- Terms and conditions for GroSens > these have to be accepted to run the software (see picture on the right)
- Some bug fixes from older versions



## 1 Updating your GroSens Smartbox

a. From any page on the GroSens software, click System > Update

: :::::::::::::::::::::::::::::::::::::		Internet status:  Connected	
nfigure Section decagon Section Settings Monitoring Irr	igation Control	Site Identity Manage Users Advertise for New Devices	
Section Settings Monitoring Irri Section Name:	decagon	Update Nutc Backup Configuration	Delete Section
Slab Types:	Grodan GT N	Date, Time, and Timezone Network Setup	
Cancel	Apply	Restart Shut Down	

- b. The software will check for an update. If one is available, you will be prompted if you want to update the software
- c. The smartbox will automatically restart, please wait until this process is completed and the color of the 'update bar' is completely changed into blue.

## 2 Set the proper slab type for each of the defined irrigation sections

a. Go to the device page and click on the cogwheel of a section.

on: decagon	<u>a</u>					
itatus	DeviceSN	Row & Offset		Last Readings		Last Update
<b>†</b>	NE002421	2, 1	56.3% VWC	1.25 dS/m	23.1°C	29 seconds
<b>?</b>	NE002422	1, 2	55.6% VWC	1.48 dS/m	23.1°C	32 seconds
	NE002424	n/a	54.1% VWC	1.96 dS/m	23.1°C	44 seconds

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- b. Click on the drop-down menu behind 'Slab Types' and select the proper slab type:
- c. Don't forget to click on 'apply' after selecting the proper slab type.

Section Name: decagon Debute Section Sibb Types: Grodan GT Master 75 Flottop Rosa Grodan Classic More Year 100 Grodan Classic More Year 75 Grodan Classic More Year 75 Grodan GT Master 75 Grodan A Prestige 75 Grodan Prestige 75 Gr	Section Settings	Monitoring Im	igation Control	
Flortop Rosa Grodan Classic More Year 100 Cancel / Grodan Classic More Year 100 Grodan GT Expert 100 Grodan GT Expert 75 Grodan GT Expert 76 Grodan GT Master 100 Grodan GT Master 75 Grodan Prestige 75 Grodan Prestige 75		Section Name:	decagon	Delete Section
Grodan Classic Grodan Classic More Year 100 Grodan Classic More Year 75 Grodan Classic More Year 75 Grodan GT Expert 100 Grodan GT Expert 75 Grodan GT Master 100 Grodan GT Master 75 Grodan GT Master 75 Grodan GT Master 75 Grodan GT Master 75 Grodan A Master 75 Grodan A Master 75 Grodan A Master 75 Grodan Prestige 75 Grodan Prestige 75 Grodan Prestige 75		Slab Types:	Grodan GT Master 75	
Cancel Grodan Classic More Year 100 Grodan Classic More Year 75 Grodan GT Expert 100 Grodan GT Expert 100 Grodan GT Master 100 Grodan GT Master 100 Grodan GT Master DV Grodan Prestige 100 Grodan Prestige 75 Grodan Prestige 85				
Grodan GT Expert 100 Grodan GT Expert 75 Grodan GT Master 700 Grodan GT Master 77 Grodan GT Master 75 Grodan optional slab 1 Grodan optional slab 1 Grodan Prestige 100 Grodan Prestige 55		Cancel	Grodan Classic More Year 100 & Grodan Classic More Year 75	
Grodan GT Master 100 Grodan GT Master 75 Grodan GT Master 75 Grodan optional stab 1 Grodan optional stab 2 Grodan Prestige 100 Grodan Prestige 75 Grodan Prestige 85			Grodan GT Expert 100	
Grodan GT Master Dry Grodan optional stab 1 Grodan optional stab 2 Grodan Prestige 100 Grodan Prestige 75 Grodan Prestige 65			Grodan GT Master 100	
Grodan optional stab 2 Grodan Prestige 100 Grodan Prestige 75 Grodan Prestige 85			Grodan GT Master Dry	
Grodan Prestige 75 Grodan Prestige 85			Grodan optional slab 2	
Grodan Prestige 85			Grodan Prestige 75	
Grodan Supreme			Grodan Prestige 85 Grodan Supreme	
			Grodan Vitaflor 75 Grodan Vital Grodan Vital	

#### The new models will run via a cloud solution since these are rather sophisticated.

- Raw data is sent from the GroSens System to a cloud server (like your e-Gro app)
- In the cloud the correct WC and EC values are calculated
- The calculated WC and EC values are sent back and stored on the Smartbox.

To make use of the new models you have to be able to send data to a cloud server. If you run the e-Gro app you already do so. You can always check in the software if data is sent correctly (click on system) – see picture below (internet status: connected).

Status     DeviceSN     See litently Manage Users     Last Reedings     Last Update       Advertise for New Devices     Update Auto-Backup Configuration     Last Reedings     Last Update       status     DericeSN     Date, Time, and Timezone Network Setup     Last Setup       Status     DericeSN     Restart     3 seconds       © ♥ în     NE002369     Shut Down     3 seconds			Internet status 🛩 Connected		
Status     DeviceSN     Last Readings     Last Update Auto-Saciup Configuration       clion: Sectionless     DeviceSN     Estatus	ction: Test 2				•
Auto-Backup Configuration       cton: Sectionless     Date, Time, and Timezone Network Setup       Status     DeviceSN     Restart Status       PriceSN     Restart Stut Down       PriceSN     Restart Stut Down       PriceSN     Bit       PriceSN     Bit	Status	DeviceSN	Advertise for New Devices	Last Readings	Last Update
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Status         DeviceSN         Restatt         Last Update           ○ ♥ û         NE002369         Shut Down         3 seconds           ○ ♥ û         NE002428         n à         14 seconds	ction: Sectionless				
○ 약 값 NE002369 Shut Down 3 seconds ○ 약 값 NE002428 b 3 d 4 seconds	Status	DeviceSN			Last Update
071	071	NE002360		3 seconds	
ceivers, Convertiers, and other Devices	0Ŧî	NE002428	s'a		14 seconds
	revers Convertors	and other Desires			
Status DeviceSN Type IP Address Last Update					
		RE002213	Gateway	10.31.19.50	54 seconds

If you have a **firewall protected environment** but you want to make use of the new models, please ask your IT Specialist to set up the system accordingly to the description below:

- 1. e-Gro services at https://e-gro.grodan.com ip: 37.97.150.235 - port: tcp 443
- 2. Software updates at http://repos.decagon.com ip: 64.126.164.28 - port: tcp 80
- 3. VPN connection ip: 64.126.164.19 - port: udp 1194
- 4. VPN configuration portal at http://scriportal.decagon.com ip: 64.126.164.101 - port: tcp 80

Whitelist the URL's is best in case IP addresses of portals would change in future. If not possible then open the ports as mentioned in combination with the IP addresses.

# If the update won't install or you get an error message – please contact your local Grodan customer service department for further support.

#### Contact details local customer service departments

Customer Service Contact

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