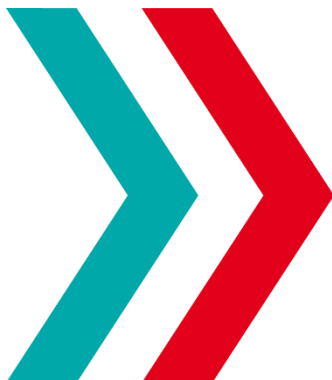


TECHNICAL INSTRUCTION

Software update – CM/CB-E 3.0



Description

The technical instruction describes the step by step process conduct the software update on the controllers CM-E 3.0 and CM-E 3.0.

Required	Software: Smart Service-DA/CMD, Network cable / patch cable RJ45
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Step 1	<p>Open the network and Internet settings on the laptop. (Important!! Network connection from the laptop to port x25 must be available).</p> <ul style="list-style-type: none"> → Open <u>Ethernet</u> → Open <u>Network and Sharing Centre.</u> → Open <u>unidentified network Ethernet.</u> → Open <u>Properties</u> <p>If you are prompted for a password, log in with the user login.</p> <ul style="list-style-type: none"> → Select <u>Internet Protocol Version 4 (TCP/IPv4).</u>
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Step 2	<p>→ Open <u>Properties</u> and select Use the following IP address:</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p>IP Address : 192.168.5.100</p> <p>Subnetmask : 255.255.255.0</p> <p>Gateway : 192.168.5.10</p> </div> <p>→ Confirm with <u>OK</u></p>
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Step 3	<p>Return to Smart Service and select <u>Options</u> in the header</p> <ul style="list-style-type: none"> → Select <u>Control (Congrav, ISC)</u> → Select <u>Congrav CM-E, CB-E, CB-S (BT field bus)</u> → Select <u>Protocol</u> and select <u>Ethernet Open Modbus TCP</u> → Pop-up window opens with selection (Select Feeder)
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Step 4	<ul style="list-style-type: none"> → Select <u>scale 1.</u> Default IP address 192.168.5.251. Confirm with <u>Connect.</u> → Select <u>Feeder 1</u> and confirm with double click → Pop-up window opens - Select <u>Print button</u> → Pop-up window opens for entering the order number, etc. enter data and confirm with <u>OK</u> → Print opens, select printer and PDF printer, confirm with <u>OK</u>, save PDF <p>Feeder protocol with all parameters is now saved.</p>
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Step 5	<p>Return to Smart Service and select <u>Back-up</u></p> <ul style="list-style-type: none"> → Select <u>Load program CM/CB 3.0</u> → Select <u>Connect to Congrav</u>. When communication is active, the control window turns green → Select the Backup>PC button → Save the backup on the laptop.
Step 6	<ul style="list-style-type: none"> → Select <u>directory of program</u> → Select the file path with the <u>ZIP file of the software</u> (Zip file must not be unpacked) → Select <u>Zip File</u> in the right window <p>Select <u>Start Update</u></p>
Step 7	<p>A pop-up window with <u>Progress</u> opens. (Loading may take a few minutes)</p> <ul style="list-style-type: none"> → The pop-up window <u>Program loaded successfully</u> opens. → Confirm with <u>OK</u>. → Execute PLC update (this can take up to 10min, needed from V4.80)
Step 8	<p>After the restart, perform a network reset. (After the network reset, the controller needs approx. 1 ½ minutes for the restart).</p> <ul style="list-style-type: none"> → Return created backup, select "Restore data > CM/CB", select Back up and confirm with "OK". → Check back-up data. → If back-up is not available with feeder protocol PDF, enter the parameters with Smart Service.

If you have any questions, contact the hotline: +49 203/9984299