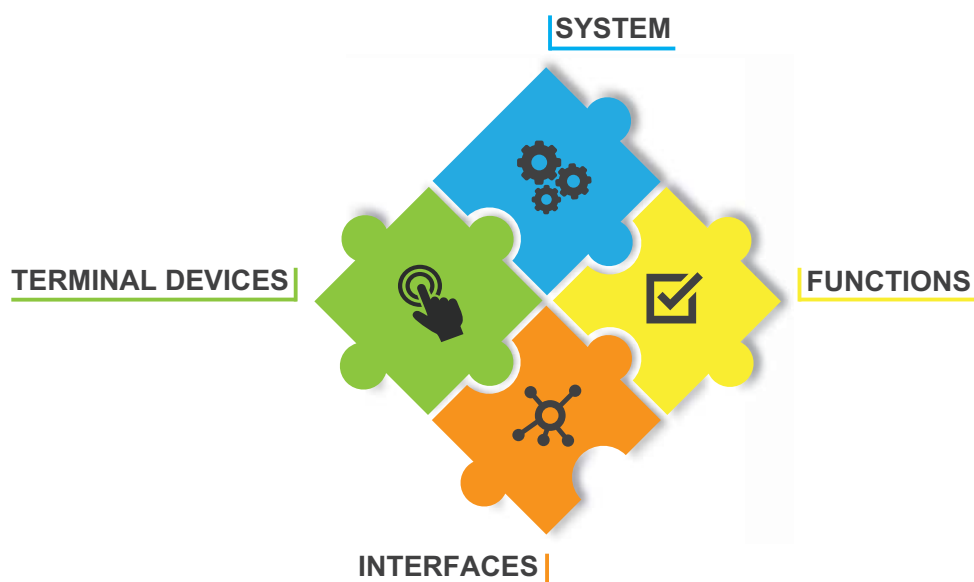


# INTRON-D *plus* Activation Model



## System Features Tailored to your Requirements.

The INTRON-D *plus* software version 6.0.0 marks the beginning of a modern activation model for the INTRON-D *plus* communication and public address system. The activation model gives you the flexibility to design your system to fit your project requirements. By activating the INTRON-D *plus* system you will already have numerous standard functions right at hand. Should you require additional functionality, simply choose system features from four different categories which best match your project requirements.

System features from the following categories can be activated:

- System
- Terminal Devices
- Functions
- Interfaces

The activation applies to the entire system network and is valid without limitation in time. You can expand your functional scope at any time allowing your system to grow with your requirements.

### Activation - Benefits

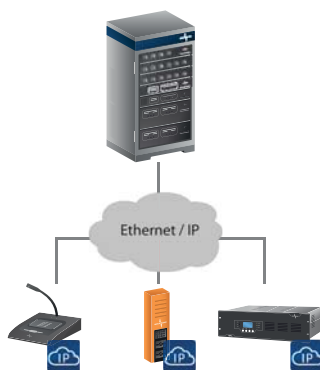
- Flexible use of activations within a system network
- Mix and match functions according to your project requirements
- Expandable at any time
- Safe investment - use without time limitation
- Centralized activation via network
- Numerous standard functions already included in the INTRON-D *plus* system activation



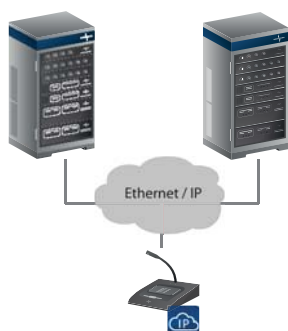
## System



<b>Type</b>	ACT-System INTRON-D <i>plus</i>																				
<b>Description</b>	Activation of one INTRON-D <i>plus</i> system with standard functions																				
<b>Type number</b>	101-100-001																				
<b>Further information</b>	<p>A detailed description of the standard functions can be found in the functional data sheets listed below:</p> <table border="0"> <tr> <td>FDA-330-003-001</td> <td>Direct Two-way Communication</td> </tr> <tr> <td>FDA-330-003-002</td> <td>Dynamic Two-way Communication</td> </tr> <tr> <td>FDA-330-003-003</td> <td>Group Call</td> </tr> <tr> <td>FDA-330-003-004</td> <td>All Call</td> </tr> <tr> <td>FDA-330-003-005</td> <td>Dynamic Group Call</td> </tr> <tr> <td>FDA-330-003-006</td> <td>Page &amp; CallBack</td> </tr> <tr> <td>FDA-330-003-014</td> <td>Call Storage</td> </tr> <tr> <td>FDA-330-003-015</td> <td>MultiControl Group</td> </tr> <tr> <td>FDA-330-003-016</td> <td>Parallel Group</td> </tr> <tr> <td>FDA-330-003-019</td> <td>Store &amp; Forward</td> </tr> </table>	FDA-330-003-001	Direct Two-way Communication	FDA-330-003-002	Dynamic Two-way Communication	FDA-330-003-003	Group Call	FDA-330-003-004	All Call	FDA-330-003-005	Dynamic Group Call	FDA-330-003-006	Page & CallBack	FDA-330-003-014	Call Storage	FDA-330-003-015	MultiControl Group	FDA-330-003-016	Parallel Group	FDA-330-003-019	Store & Forward
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FDA-330-003-016	Parallel Group																				
FDA-330-003-019	Store & Forward																				



<b>Type</b>	ACT-IP Device
<b>Description</b>	Activation for the connection of one INDUSTRONIC IP device to the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-100-002



<b>Type</b>	ACT-IP Device connected redundantly
<b>Description</b>	Activation for a redundant connection of one INDUSTRONIC IP device to the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-100-004



## Terminal Devices



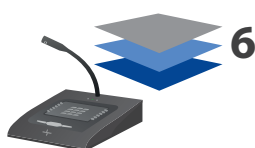
<b>Type</b>	ACT-NCP Base
<b>Description</b>	Activation for one INDUSTRONIC IP intercom station of the NCP series
<b>Type number</b>	101-200-001
<b>Further information</b>	Data sheets DAT-351-600-100, DAT-351-650-100



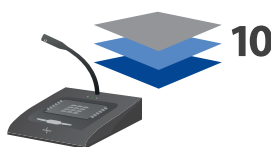
<b>Type</b>	ACT-NCP 200 Buttons
<b>Description</b>	Activation of 200 buttons for INDUSTRONIC IP intercom stations of the NCP series
<b>Type number</b>	101-200-003
<b>Further information</b>	Data sheets DAT-351-600-100, DAT-351-650-100



<b>Type</b>	ACT-NPA Speaker Circuit Monitoring
<b>Description</b>	Activation of speaker circuit monitoring for the INDUSTRONIC IP-based PA unit of the NPA series
<b>Type number</b>	101-200-101
<b>Further information</b>	Data sheet DAT-302-140-100



<b>Type</b>	ACT-AP 6 Operating Layers
<b>Description</b>	Activation of 6 operating layers with up to 120 configurable buttons for the INDUSTRONIC IP intercom station of the AP series
<b>Type number</b>	101-200-201
<b>Further information</b>	Product data sheet PDT-302-051-000



<b>Type</b>	ACT-AP 10 Operating Layers
<b>Description</b>	Activation of 10 operating layers with up to 200 configurable buttons for the INDUSTRONIC IP intercom station of the AP series
<b>Type number</b>	101-200-202
<b>Further information</b>	Product data sheet PDT-302-051-000



<b>Type</b>	ACT-DUSTRON Basic Communication
<b>Description</b>	Activation of one INDUSTRONIC app, DUSTRON with all communication functions for use within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-200-301
<b>Further information</b>	Data sheet DAT-100-742-100



<b>Type</b>	ACT-DUSTRON Extension Control
<b>Description</b>	Activation to extend the INDUSTRONIC app DUSTRON with PA/GA and control functions
<b>Type number</b>	101-200-302
<b>Further information</b>	Data sheet DAT-100-742-100

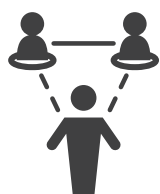


<b>Type</b>	ACT-DUSTRON Extension Service
<b>Description</b>	Activation to extend the INDUSTRONIC app DUSTRON with maintenance functions
<b>Type number</b>	101-200-303
<b>Further information</b>	Data sheet DAT-100-742-100

## Functions



<b>Type</b>	ACT-Conference
<b>Description</b>	Activation of one conference channel within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-001
<b>Further information</b>	Functional data sheet FDA-330-003-007



<b>Type</b>	ACT-Switchboard Call
<b>Description</b>	Activation of the switchboard call function for one intercom station within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-002
<b>Further information</b>	Functional data sheets FDA-330-003-009, -010, -011, -012, -013



<b>Type</b>	ACT-Call Request Control
<b>Description</b>	Activation of the call request control function for one intercom station within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-003
<b>Further information</b>	Functional data sheet FDA-330-003-017



<b>Type</b>	ACT-Warning Control 10
<b>Description</b>	Activation of 10 warning sequences to set up warning scenarios within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-004
<b>Further information</b>	Functional data sheet FDA-330-003-018



<b>Type</b>	ACT-Time Control
<b>Description</b>	Activation of one time sequence to set up time-controlled scenarios within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-005
<b>Further information</b>	Functional data sheet FDA-330-003-020







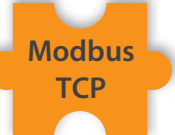


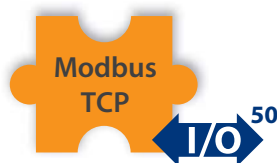
<b>Type</b>	ACT-2 IAP VoIP Channels
<b>Description</b>	Activation of two VoIP channels for the internal audio processing function within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-300-101
<b>Further information</b>	Data sheet DAT-101-300-101

## Interfaces



<b>Type</b>	ACT-E-mail Notification
<b>Description</b>	Activation of the e-mail notification function within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-400-001

	<table border="1"> <tbody> <tr> <td><b>Type</b></td> <td>ACT-SNMP Interface</td> </tr> <tr> <td><b>Description</b></td> <td>Activation of one SNMP interface within the INTRON-D <i>plus</i> system network</td> </tr> <tr> <td><b>Type number</b></td> <td>101-400-101</td> </tr> <tr> <td><b>Further information</b></td> <td>Data sheet DAT-100-720-500, functional data sheets FDA-100-720-500, FDE-100-720-500</td> </tr> </tbody> </table>	<b>Type</b>	ACT-SNMP Interface	<b>Description</b>	Activation of one SNMP interface within the INTRON-D <i>plus</i> system network	<b>Type number</b>	101-400-101	<b>Further information</b>	Data sheet DAT-100-720-500, functional data sheets FDA-100-720-500, FDE-100-720-500
<b>Type</b>	ACT-SNMP Interface								
<b>Description</b>	Activation of one SNMP interface within the INTRON-D <i>plus</i> system network								
<b>Type number</b>	101-400-101								
<b>Further information</b>	Data sheet DAT-100-720-500, functional data sheets FDA-100-720-500, FDE-100-720-500								
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<b>Type</b>	ACT-SIP Interface								
<b>Description</b>	Activation of one SIP interface within the INTRON-D <i>plus</i> system network								
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<b>Description</b>	Activation of one SIP VoIP channel for telephony applications within the INTRON-D <i>plus</i> system network								
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<b>Description</b>	Activation of one SIP VoIP channel for voice recording within the INTRON-D <i>plus</i> system network								
<b>Type number</b>	101-400-203								
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<b>Type</b>	ACT-CANopen Interface								
<b>Description</b>	Activation of one CANopen interface within the INTRON-D <i>plus</i> system network								
<b>Type number</b>	101-400-301								
	<table border="1"> <tbody> <tr> <td><b>Type</b></td> <td>ACT-100 CANopen I/O Elements</td> </tr> <tr> <td><b>Description</b></td> <td>Activation of 100 CANopen input/output signals for control and voice functions within the INTRON-D <i>plus</i> system network</td> </tr> <tr> <td><b>Type number</b></td> <td>101-400-302</td> </tr> </tbody> </table>	<b>Type</b>	ACT-100 CANopen I/O Elements	<b>Description</b>	Activation of 100 CANopen input/output signals for control and voice functions within the INTRON-D <i>plus</i> system network	<b>Type number</b>	101-400-302		
<b>Type</b>	ACT-100 CANopen I/O Elements								
<b>Description</b>	Activation of 100 CANopen input/output signals for control and voice functions within the INTRON-D <i>plus</i> system network								
<b>Type number</b>	101-400-302								
	<table border="1"> <tbody> <tr> <td><b>Type</b></td> <td>ACT-Modbus TCP Interface</td> </tr> <tr> <td><b>Description</b></td> <td>Activation of one Modbus TCP interface within the INTRON-D <i>plus</i> system network</td> </tr> <tr> <td><b>Type number</b></td> <td>101-400-401</td> </tr> <tr> <td><b>Further information</b></td> <td>Data sheet DAT-100-720-400, functional data sheet FDA-100-720-400</td> </tr> </tbody> </table>	<b>Type</b>	ACT-Modbus TCP Interface	<b>Description</b>	Activation of one Modbus TCP interface within the INTRON-D <i>plus</i> system network	<b>Type number</b>	101-400-401	<b>Further information</b>	Data sheet DAT-100-720-400, functional data sheet FDA-100-720-400
<b>Type</b>	ACT-Modbus TCP Interface								
<b>Description</b>	Activation of one Modbus TCP interface within the INTRON-D <i>plus</i> system network								
<b>Type number</b>	101-400-401								
<b>Further information</b>	Data sheet DAT-100-720-400, functional data sheet FDA-100-720-400								



<b>Type</b>	ACT-50 Modbus TCP I/O Elements
<b>Description</b>	Activation of 50 Modbus input/output signals for control and voice functions within the INTRON-D <i>plus</i> system network
<b>Type number</b>	101-400-402
<b>Further information</b>	Data sheet DAT-100-720-400, functional data sheet FDA-100-720-400



<b>Type</b>	ACT-IP System Gateway INTRON-D <i>plus</i>
<b>Description</b>	Activation of one IP system gateway connecting one INTRON-D <i>plus</i> system network with another INTRON-D <i>plus</i> system network
<b>Type number</b>	101-500-001
<b>Further information</b>	Data sheet DAT-101-500-001



<b>Type</b>	ACT-10 IP System Gateway I/O Elements
<b>Description</b>	Activation of 10 input/output signals for control and voice functions via one IP system gateway
<b>Type number</b>	101-500-002
<b>Further information</b>	Data sheet DAT-101-500-001

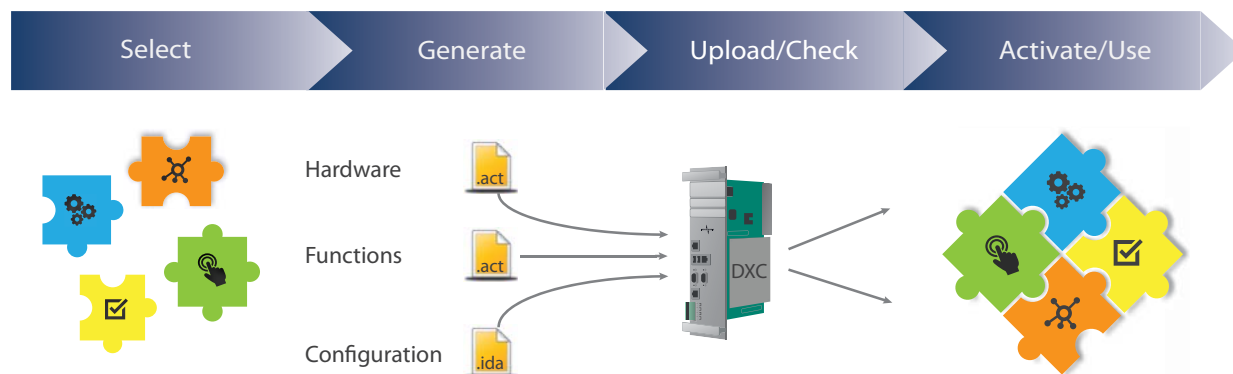


<b>Type</b>	ACT-IP System Gateway VoIP Channel
<b>Description</b>	Activation of one VoIP channel for audio transmission via one IP system gateway
<b>Type number</b>	101-500-003
<b>Further information</b>	Data sheet DAT-101-500-001

## Activation Procedure

Together we identify the suitable system features for your system according to your project-specific requirements first. Then, we generate the required files which are uploaded to the system, checked and are finally activated.

The following illustration gives a schematic overview on the activation procedure.



After the activation you can take full advantage of any previously selected system features within the system network.

If your project and your requirements grow, your system simply grows with it. Additional system features or terminal devices can be easily integrated later on.

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