

The RACS 2.x and RACS 3.x software pack comparison

Feature	RACS 2.x	RACS 3.x	Notice
Subsystems available	1	8	RACS 2.x can operate with one ACC system connected to PC COM. RACS 3.x can operate with up to 8 subsystems connected to separate PC COM ports. Every subsystem requires separate CPR panel and communication bus. RACS 3.x utilize "multitasking" method for communication with separate subsystems. This method enables simultaneously communication with every subsystem. For example when system settings are transferred to RACS this occur in every communication channel at the same time, no matter how many subsystem are connected to host PC, system configuration takes the same time as when only one subsystem exists.
Maximum number of controlled door	32	256	Door can be controlled on one or both side.
Operation without CPR control panel	YES	NO	The RACS 2.x running in online mode can supervise ACC system without CPR.
Software integration	NO	YES	RACS 2.x administration of ACC system requires at least two separate programs PR Master and CPR Master, system operator must switch between different program during system maintenance. When ACC administrated by RACS 3.x only one program is required (PR Master 3.x)
Events monitoring	YES	YES	RACS 3.x have few additional mechanisms of monitoring: <ul style="list-style-type: none"> - events filtering - user selected events signaling, - video identification of users (user photo presentation), - system users attendance table .
Continuous events reports	NO	YES	In RACS 3.x events can be continuously transferred from CPR buffers to PC. Received events are appended to two files; RACS system file (*.prc) and user specified *.CSV type of file. Other programs can use CSV file for additional customer defined purposes.
Customer defined format of events report files	NO	YES	RACS 3.x can generate continuously updated events reports in format which can be specified by customer.
Improved methods of systems settings modifications	NO	YES	In RACS 2.x any system settings modification requires whole system configuration, it takes about 10..20 second per one controller. The RACS 3.x deliver few quick methods of systems settings modifications, for example modification on one user takes about 2..3 seconds per one controller.
Controllers zones	NO	YES	In RACS 2.x access rights are declared for every controller separately. In RACS 3.x controllers are divided into controllers zones, access rights are defined for whole zones not a particular controller.
Video identification – budge support	NO	YES	RACS 3.x enables declaration of user picture, when particular door is monitored system can present the picture of user which actually enter the premises.
User attendance in premises calculation	YES	YES	RACS 3.x use improved calculation mechanisms.
Customer defined controller types	NO	YES	RACS 2.x enables declaration of [ENTRY], [EXIT] and [INTERNAL PASSAGE] controller types. The RACS 3.x accept customer defined types, operator can define for example [AUXILARY EXIT], [ON DUTY EXIT] etc. Controllers types are usually used when additional system statistic is required.