# Second Revision No. 5007-NFPA 72-2023 [ Section No. 12.6.9 ]

**12.6.9**

Monitoring for integrity shall not be required for the interconnecting wiring or cabling of a stationary computer and the computer's keyboard, video monitor, mouse-type device, or touch screen~~, provided~~ if the interconnecting wiring or cabling meets all of the following conditions :

(1) ~~Does~~ The interconnecting wiring or cabling does not exceed 8 ft (2.4 m) in length.

(2) ~~Is~~ The interconnecting wiring or cabling is a listed computer/data processing cable as permitted by *NFPA 70*.

(3) Failure of ~~cable~~ the interconnecting wiring or cabling does not cause ~~the~~ failure of the required system functions not initiated from the keyboard, mouse, or touch screen.

## Supplemental Information

| File Name | Description | Approved |
|---|---|---|
| Chapter_12_12_6_9_SR-5007.docx | Chapter_12_12_6_9_SR-5007.docx | |

## Submitter Information Verification

**Committee:** SIG-PRO

**Submittal Date:** Tue Jul 11 10:00:27 EDT 2023

## Committee Statement

**Committee Statement:** This revision corrects the language to meet the manual of style requirement to eliminate phrases and use complete sentences. The language in the charging statement is revised to be consistent in reference to wiring and cabling.

**Response Message:** SR-5007-NFPA 72-2023

Public Comment No. 27-NFPA 72-2023 [Section No. 12.6.9]

## Second Revision No. 5002-NFPA 72-2023 [ Section No. 21.2.1 ]

**21.2.1***

Emergency control functions shall be automatic unless otherwise permitted by other governing laws, codes, standards, or sections of this document.

## Submitter Information Verification

**Committee:** SIG-PRO

**Submittal Date:** Mon Jul 10 10:52:08 EDT 2023

## Committee Statement

**Committee Statement:** The revision corrects a typographical error from the First Draft to use language that is consistent throughout NFPA 72.

**Response Message:** SR-5002-NFPA 72-2023

Public Comment No. 214-NFPA 72-2023 [Section No. 21.2.1]

## Second Revision No. 5003-NFPA 72-2023 [ Section No. 23.3.5.2.4 ]

**23.3.5.2.4**

In facilities not required to have a building fire alarm system, suppression systems shall be permitted to be connected to ~~the~~ a dedicated function fire alarm system.

## Submitter Information Verification

**Committee:** SIG-PRO

**Submittal Date:** Mon Jul 10 11:24:37 EDT 2023

## Committee Statement

**Committee Statement:** The revision editorially corrects 'the dedicated function fire alarm system' to 'a dedicted function fire alarm system.' This will more closely match the existing requirements in 23.8.5.5.1 and 23.8.5.6.1, and others.

**Response Message:** SR-5003-NFPA 72-2023

Public Comment No. 232-NFPA 72-2023 [Section No. 23.3.5.2.4]

## Second Revision No. 5006-NFPA 72-2023 [ Section No. A.23.3.5.2 ]

**A.23.3.5.2**

Examples of dedicated function fire alarm systems ~~include, but are not limited to, one or more systems that monitor or control supervisory status of elevator recall, sprinkler waterflow, emergency responder communications enhancement systems, carbon monoxide (CO), or other gas detection~~ with dedicated function FACUs that are included in this Code are sprinkler waterflow and supervisory systems *(see 23.8.5.5.1)* and elevator recall control and supervisory control units *(see 21.3.2)* .

Other types of dedicated function fire alarm systems with dedicated function FACUs include, but are not limited to, the following: two-way radio communications enhancement systems *(see Section 24.9)* , carbon monoxide detection systems *(see 3.3.37)* , gas detection systems *(see Section 17.10)* , suppression systems, and HVAC smoke detection systems. A dedicated function FACU could serve as a single control unit for one or more dedicated functions, and it should be labeled to include all such functions.

### Submitter Information Verification

**Committee:** SIG-PRO

**Submittal Date:** Tue Jul 11 09:55:25 EDT 2023

### Committee Statement

**Committee Statement:** The annex is revised to include more examples of dedicated function fire alarm systems.

**Response Message:** SR-5006-NFPA 72-2023

Public Comment No. 70-NFPA 72-2023 [Section No. A.23.3.5.2]

## Second Revision No. 5005-NFPA 72-2023 [ Section No. A.23.6.3.8 ]

**A.23.6.3.8**

Although this section outlines some specific criteria and/or limitations, each application should be based on recognized performance-based design practices and the emergency response plan developed for the specific facility. Here are the general categories of questions that might be presented to the stakeholders responsible for Class N shared network design decisions. The actual questions for each project must be tailored to the area, the building, the campus, and the culture of the user organization and the nature of how the network is being shared. The requirements for the life safety network should be evaluated with respect to the types of emergency events and emergency response plan. The potential impact of these events upon the life safety network also should be evaluated.

(1) What types of emergency events could affect the life safety network (e.g., fire, security, safety, health, environmental, geological, meteorological, utility service disruption~~, or other types of events~~ )?

(2) What is the anticipated or expected severity of the emergency events, that is, how will they impact the facility and its functions? Are they expected to be extreme~~,~~ or severe~~, and so forth~~ ?

(3) What is the certainty of the emergency event, that is, is it happening now, is it very likely to occur, is it likely to occur, is it possible that it will occur in the future, is it unlikely to occur, or is its occurrence unknown?

(4) Natural hazards: What are the network risks to the implementation of the emergency response plan in response to natural hazard events? What are the types of emergency events that could be predicted to result from natural hazard events? For example, if flooding is possible in the surrounding area, how would a flood affect the life safety network while operating in its normal, monitored state? What would happen if a fire alarm occurred during a flood? How likely is it that a flood could damage the life safety network? What related events might impact the life safety network and equipment, such as a power outage?

(5) Human caused: What are the network risks to the implementation of the emergency response plan in response to ~~accidents~~ accidental or intentional human acts? What are the types of emergency events that could be predicted from both within and outside the protected premises? What type of related damage might be expected to impact the life safety network and equipment, such as explosions?

(6) Technological caused: What are the network risks to the implementation of the emergency response plan in response to technologically caused events or failures and the types of emergency events that could be predicted to result from a technologically caused event both within and outside the protected premises~~.~~ ? What type of related damage might be expected to impact the life safety network and equipment, such as a network attack?

(7) Network maintenance risks: What are the network risks to the implementation of the emergency response plan in response to a degradation of network software performance (e.g., an unintended degradation of performance due to software updates) or a degradation of physical network performance or implementation (e.g., physical damage, system modifications)? What types of emergency events could be predicted to result from a degradation of the life safety network? What type of related impairments might be expected to impact the components of the life safety network and equipment, such as environmental controls?

The questions suggested in items (1) through (7) are offered for consideration, and not all of them might be appropriate for every life safety network installation.

## Submitter Information Verification

**Committee:** SIG-PRO

**Submittal Date:** Mon Jul 10 12:45:04 EDT 2023

## Committee Statement

**Committee Statement:** The revision removes the word 'accidents' and replaces it with 'accidental' to reflect similar changes by the SIG ECS committee.

**Response Message:** SR-5005-NFPA 72-2023

Public Comment No. 80-NFPA 72-2023 [Section No. A.23.6.3.8]