

Date: 2010/12/10  
Authorized by: M.Yoshida  
Issued by : M.Fukuda

Bulletin No.: PMB-SF-N-10-62  
Product category: SFC, Commpad  
E-mail to: m.fukuda.k8@azbil.com

## New Release

### Title:Sales Release of Field Communication Software “CommStaff” Model CFS100

#### 1. Overview

Field Communication Software “CommStaff” for setting and adjusting the field instruments has been released.

#### 2. Models

Field Communication Software “CommStaff”  
Model CFS100

#### 3. Contents

CommStaff is software based on a PC to adjust or set the field instruments.

CommStaff reads the parameter of the field instruments to a PC through communication interface of the USB connection, and setting or adjustment is possible.

**SFN Communication Interface**

**HART Communication Interface**

**Field Communication Software “CommStaff”**

Item	Value	Units
Flow	11.00	kg/h
Lower Range Value (0%)	0.00	kg/h
Upper Range Value	3.50	kg/h
Upper Range Limit	90.00	kg/h
Damping	2.00	s
Transfer Function		

CommStaff Ver 1.0 Build 20101101a  
(c) 2010 by Yamatake Corporation

Select a communication protocol

SFN/DE Communication    HART Communication    Exit

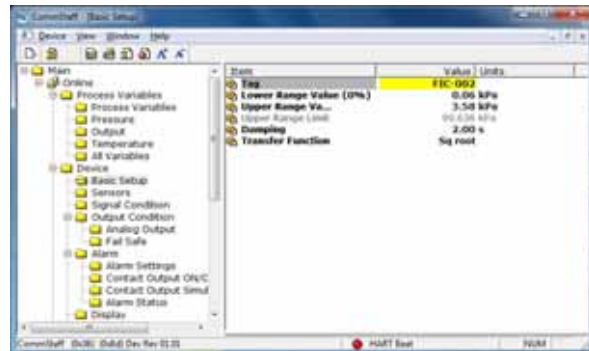
## <System constitution of CommStaff >

The system constitution of CommStaff consists of 1) CommStaff software, 2) Communication interface, and 3) PC.

### 1) CommStaff Software

CommStaff is shipped as a CD-ROM with an identification of license.

A license is one license per one PC. When CommStaff is installed in PCs more than two of them, please purchase a license for the amount of the PC.



### 2) Communication interface

There are two kinds of SFN communication and the HART communication in communication interface, and please use the communication interface that matched the specifications of a connected device.

The SFN communication interface is shipped as an option of CommStaff by Shonan factory.



**SFN Communication Interface**



**Alligator Clips**



**Easy hooks**

The HART communication interface recommends an HART modem made by MACTek Corporation using in Control Valve Maintenance System “Valstaff”.



**MACTek Corporation  
HART Modem  
Model 010031 (USB Connection)**

### 3) PC

The OS is based on a PC (Japanese or English) of Windows7 Professional 32 bits. Please refer to Specification Sheet for the detailed specifications of PC.

### <Features>

1) Multi communication

CommStaff is available with HART communication and SFN communication by changing communication interface.

2) Easy to operate

Efficiency of setting and adjustment for field devices improves by easy operation.  
You can shorten the time for loop check, because you can simplify five point check.

3) Improves parameter management

Setting parameters of each device can be stored in PC with a csv file or a pdf file.

### <Positioning>

1) HART Communication Tool

Please suggest CommStaff as an HART communication tool as a substitute for 475 HART communicator.

2) Succeeding model of CommPad

You can propose as common setting / adjustment tool, because CommStaff can support SFN communication, for the user whom you are going to change from SFN to HART.  
Therefore, CommStaff is a succeeding model of CommPad.

3) Integration of Device Management System in the future

CommStaff is integrated with Field Instruments Management System (DOMS) by data compatibility and the common function in the future.

### <CommStaff compatible instruments>

1) AT9000 Advanced Transmitter Model GTX

2) ST3000 Series 900 Smart Transmitter

(Not compatible with versions earlier than B.1)

DE communication mode is not available

### <Schedule of compatible instruments in the future >

CommStaff extends a compatible model.

The version up is free till an existence model is supported (until the beginning of 2012).

The version up after it is charged.

Spring, 2011: PTG, ALTJ

Autumn, 2011: AVP/SVX, MagneW, Transmitter before S/W version B.1

Beginning of 2012: STEAMcube, SLX, ATT, Transmitter with DE mode

#### 4. Ordering Method

Please order CommStaff software and the SFN communication interface (option) by EASY in Shonan factory. Please refer to the following Model Selection.

Please order the HART communication interface by EASY in Shonan factory as a part. (Part No.: 80VIATOR-HART2)

The PC is a local supply or a user purchase.

The recommended model is Panasonic TOUGHBOOK CF-U1



**Panasonic TOUGHBOOK CF-U1**  
**Windows7 Professional 32bit**  
**5.6inch LCD Touch Panel**  
**Enclosure Classification : IP54**  
**Shock resistance : 120cm falling**  
**Battery life : 10hr**

#### <Model Selection>

<b>CFS100</b>		-			
Connection	USB	U			
Communication Interface	None			X	
	SFN Communication Interface Alligator clips			1	
	SFN Communication Interface Easy hooks			2	
Option	None				X

#### 5. Ordering Start

December 10, 2010

#### 6. Delivery Start

January 21, 2011

#### 7. Price List

Refer to attached file

## 8. Documents

- 1) Brochure: CA2-CFS100F
- 2) Specification sheet: SS2-CFS100-0100
- 3) Manual: CM2-CFS100-2001

A pdf file of manual is in the CD-ROM of CommStaff.

- 4) Operation manual of field instrument

AT9000 Advanced transmitter Model GTX: CM2-CFS100-2002

ST3000 Series 900 Smart Transmitter: CM2-CFS100-2003

A pdf file of operation manual is in the CD-ROM of CommStaff.

- End of the document -