## **Displaying Variable Data within an HMI display**

To display data from an HMI variable within an M90 display, you must:

- Create a field within the display that is long enough to hold the variable data.
- Attach a variable to the field.

## **To Create a Field**

- 1. Click your cursor in the display. This is the starting point of the field.
- 2. To create the field, either:
- Drag the cursor across the display. The field you create is automatically highlighted in blue.

## OR

• Hold the **SHIFT** key down, and press the right-pointing arrow key (→). Each time you press the arrow key, a space is automatically highlighted in blue.

In the figure below, the display contains a field two spaces long.



## To Attach a Variable

1. Click **Attach Variable** on the HMI toolbar as shown in the figure below.

🗊 Add New Display 🧦 Add New Variable 🛛 🧇 Change Display Number 🐵 Change Variable Number 🕼 Attach Variable 📿 Clear Display						
Project Navigation	DISPLAY 1:	Initial Log-in Di	splay	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
PROJECT Program Ladder Ladder Power Up SII Sti HMI HMI HMI Variables Data Types T Inputs Outputs Menory Bits HMI	Anach Variables: -	ter	ID	no.		
	VR			OK Cancel	onics	
	Figure 2.	Attach a V	'ariable	;		

2. The Attach Variable dialog box opens as shown below.

3. Enter the number of the desired variable and press OK. If you do not enter a variable number, the program assigns a default variable.



Figure 3. Enter Variable Number and Address

4. The variable-linked spaces now appear as red pound signs, and the variable itself appears in the Variable pane of this Display as shown below.

🔊 🖞 🛆 d New Display 斗 🍋 🖄 dd New Variable 🛛 🔶	Uhange Display Number 🗇 Uhange Variable Number   🔘 Ağtach Variable   🌽 Ulear Displa
Project Navigation	DISPLAY 1: Initial Log-in Display
PROJECT  Comparison  Program  Ladder  Power Up  Power Up	Enter ID no. ##
HMI Gip Displays Variables	Variables: 6 - Worker ID no
Figure 4.	Display 1 with Attached Variable