# 1   Introduction

The SAIC In-Vehicle Control Unit (ICU) is a rugged computer developed by Symbol Technologies Inc. for Science Applications International Corporation (SAIC) and is used as a platform for in-vehicle communications.  It provides wireless network communications, GPS positioning and Remote Alert Capability   See Figure 1

WARNING  To meet the FCC RF exposure requirement for mobile transmitters and specifically as it applies to BellSouth Fleet Manager Vehicle equipment configuration ensure that the antenna is at least 6 inches away from the vehicle operator or nearby persons when transmitting.

The ICU uses an 80386 processor and supports the MS-DOS, Operating System using industry standard protocols.
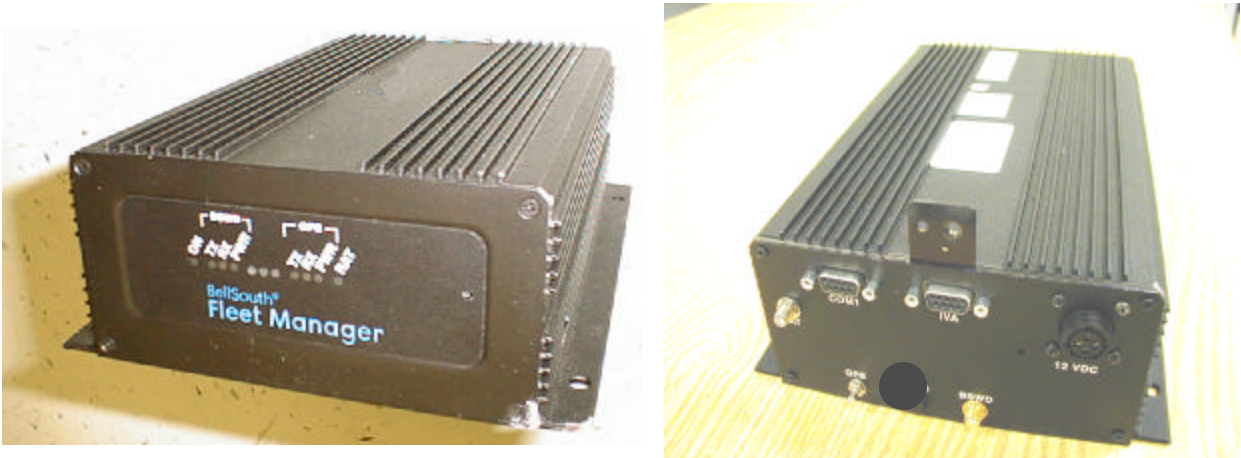


**Figure 1        Front Panel View and Rear End view of ICU**

## 1.1    About This Guide

This manual describes how to:

- ??  Prepare and install the HCU and associated hardware
- ??  Program the Remote Alert Transmitter (RAT) Key Fobs
- ??  Perform troubleshooting and maintenance activities

# 2   Parts of an ICU



**Figure 2        Front Panel of ICU**