

In-Cave Data Logger Project (DLP)
Sponsored by the
Central Connecticut Grotto

www.ctcavers.org
www.ctcavers.org/datalogger

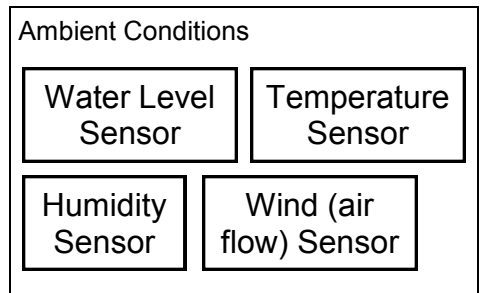
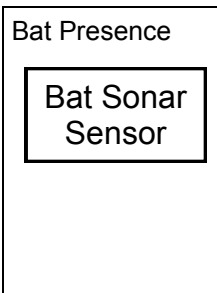
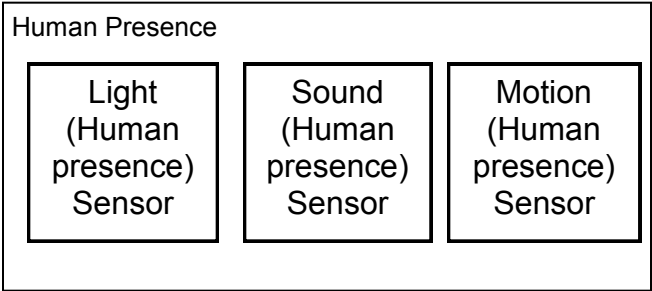
This project is a work in progress, is frequently updated, and done entirely by unpaid volunteers. For more information, updates, and other documents, please contact info@ctcavers.org and put "CCG Data Logger" in the subject line. If you don't get a reply within a week, please call 860-621-2080.

CCG DLP - Logger Hardware

Contents:

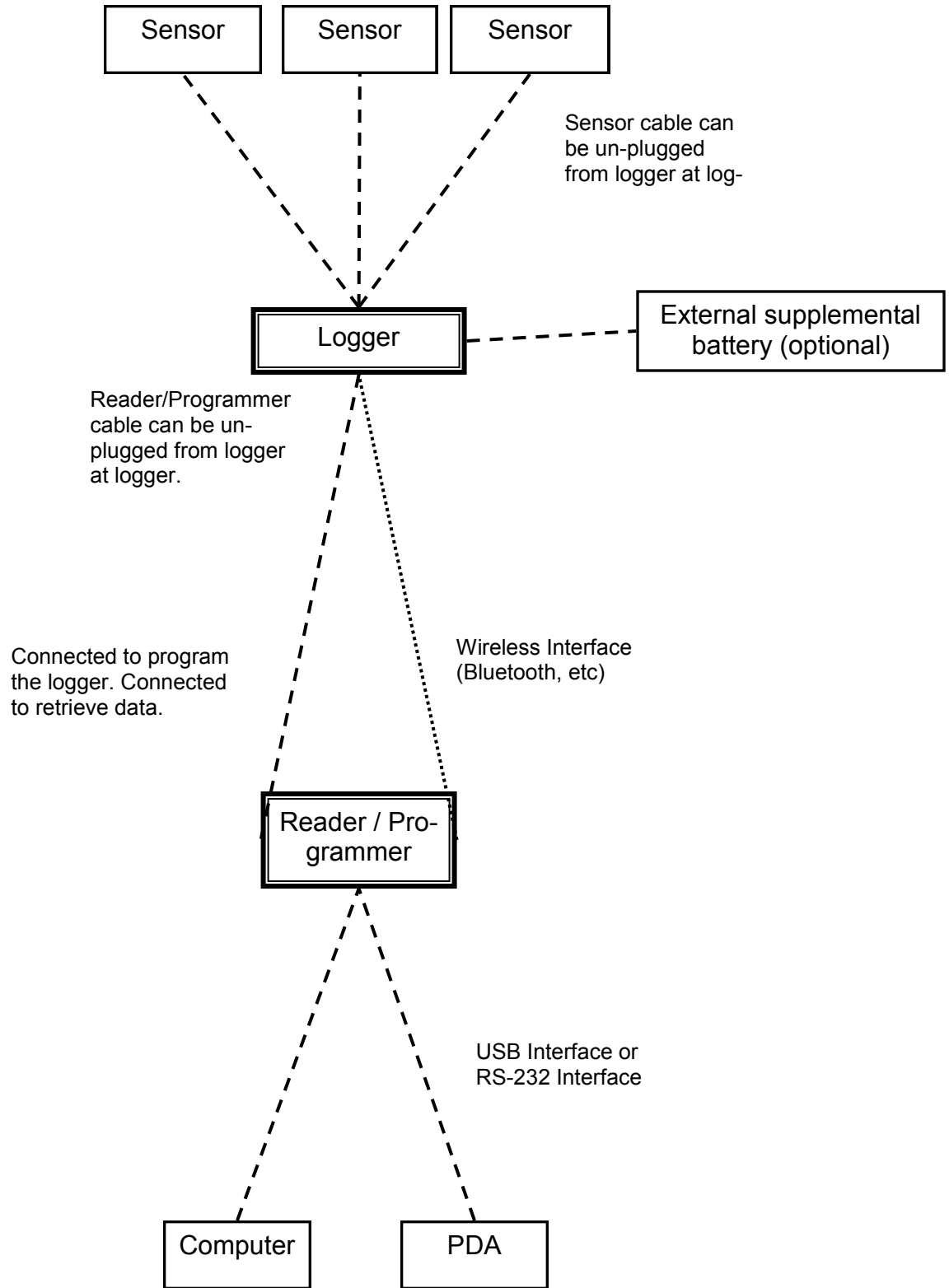
- Sensors
- Connection Overview
- Component Overview part 1
- Component Overview part 2
- Software Overview

Sensors

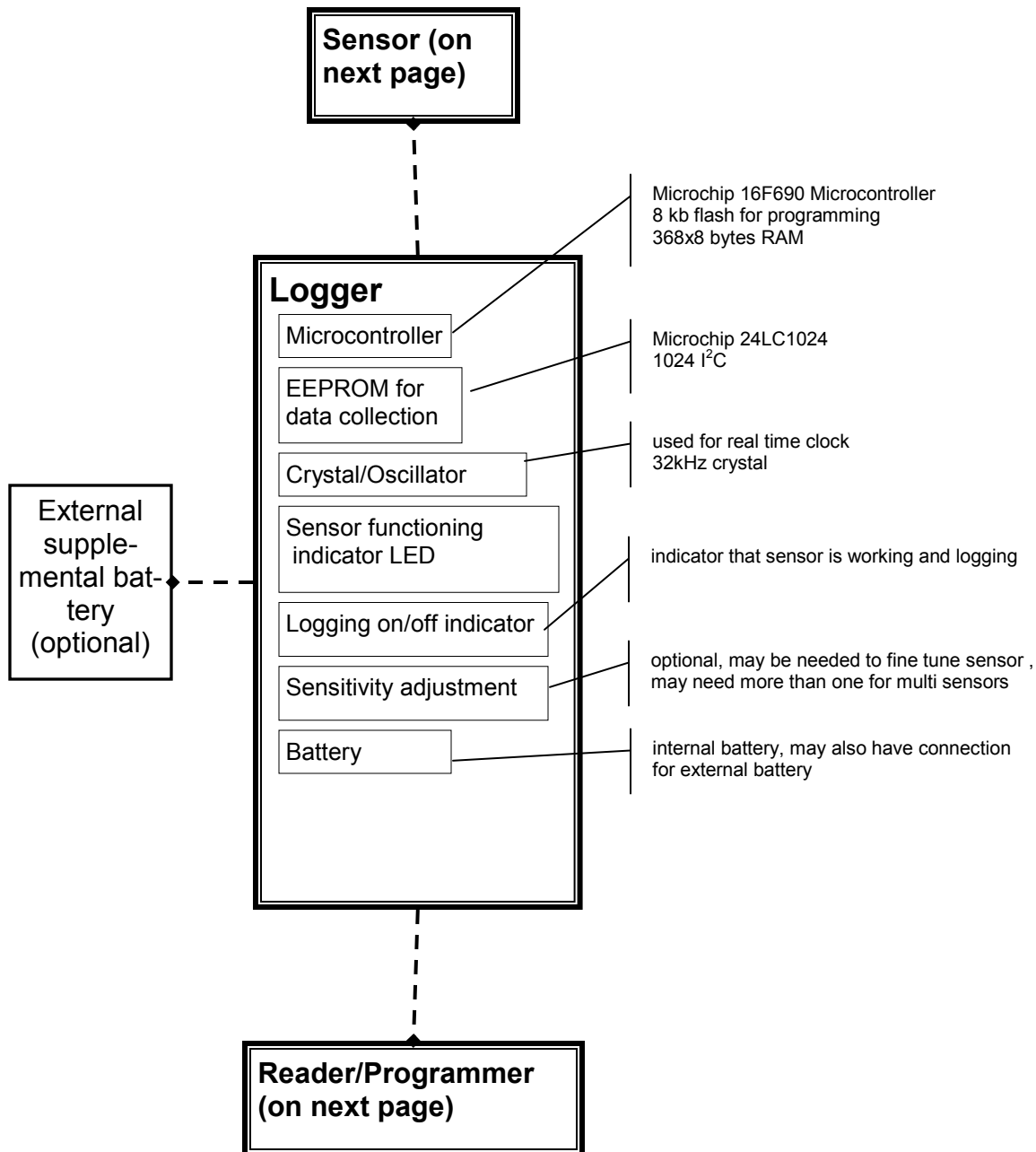


Connection Overview

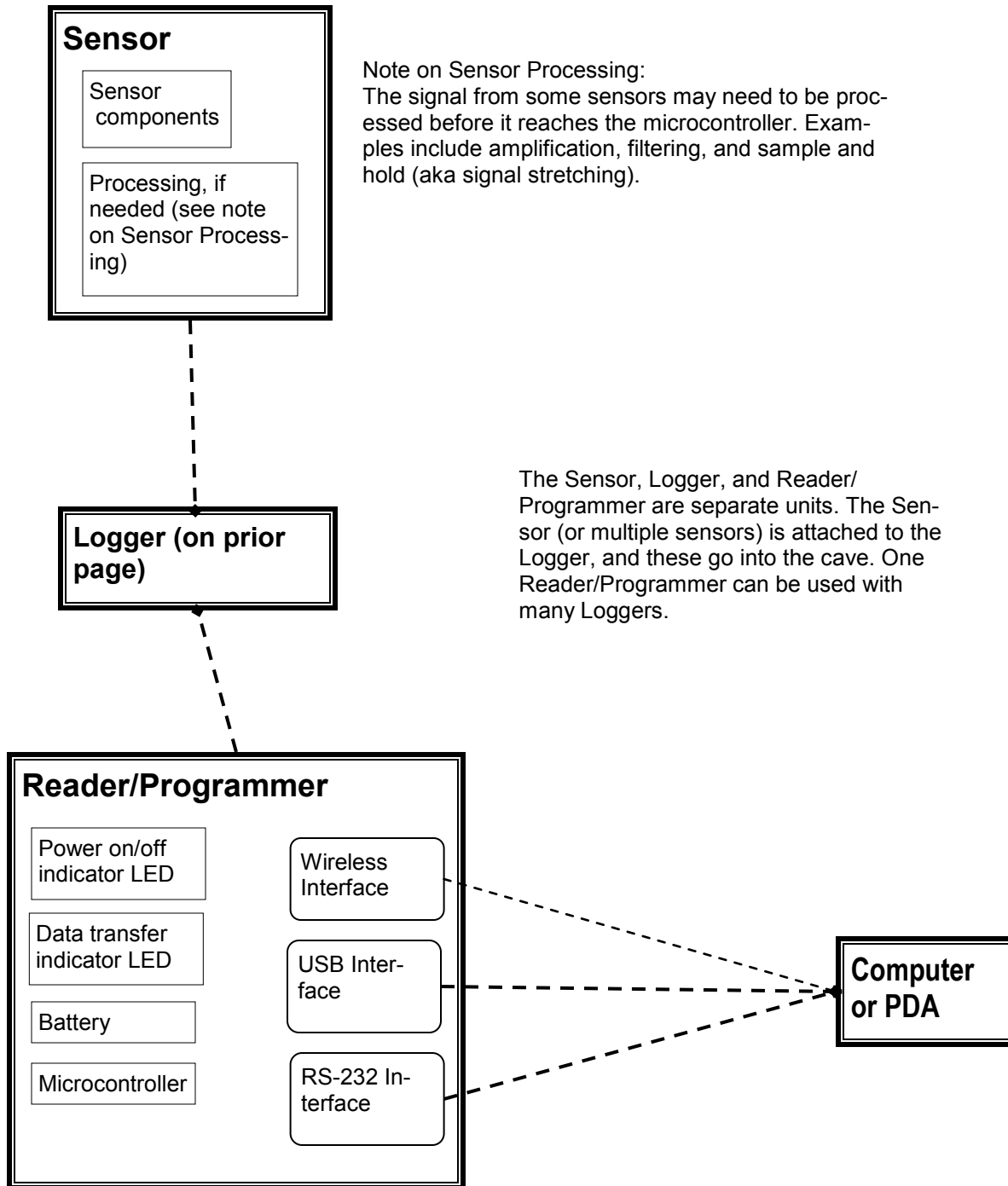
KEY:
Physical cable connection - - - - -
Non-contact connection ·········



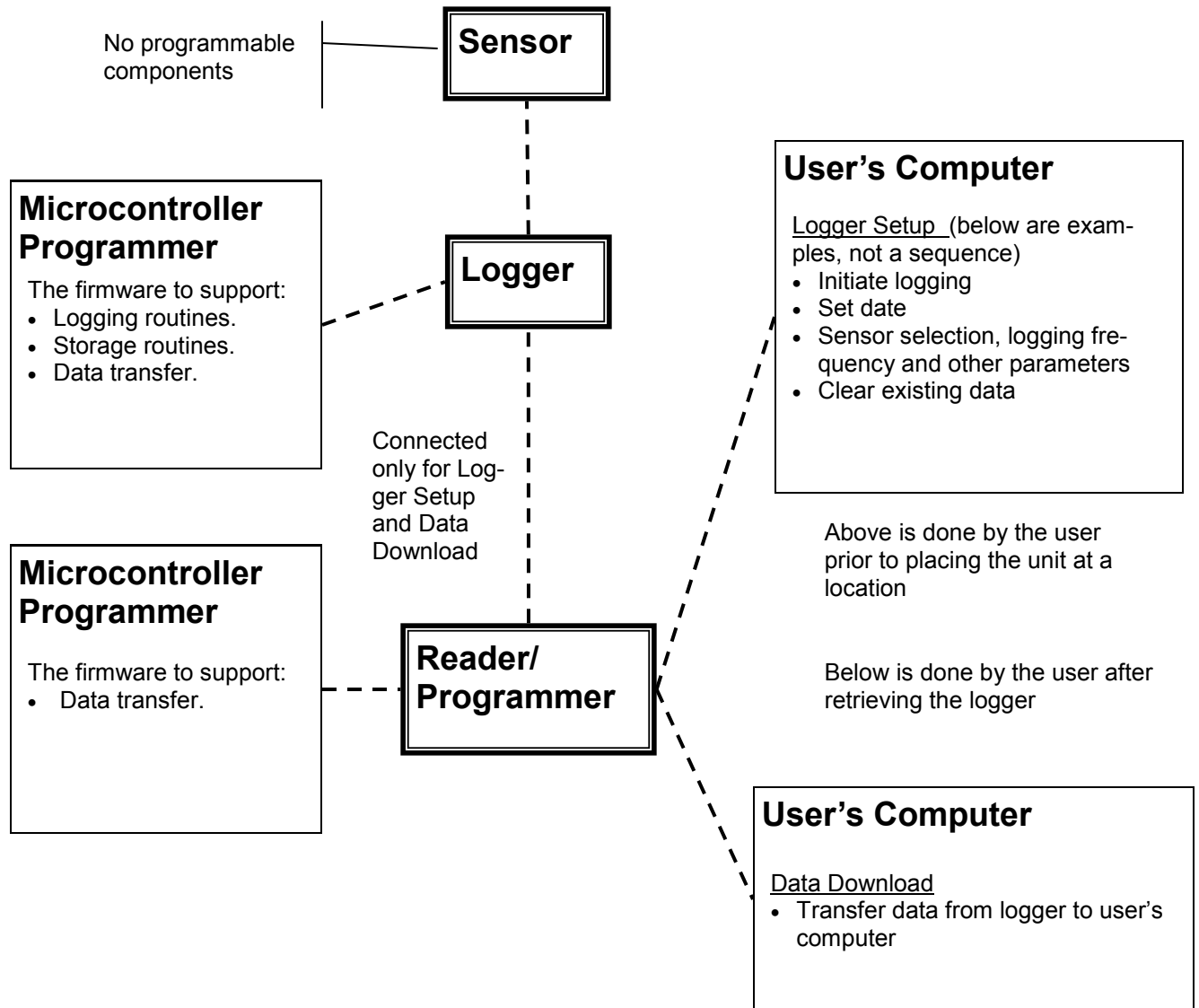
Component Overview part 1



Component Overview part 2



Software Overview



End-User Application Development		
Application	Development tool and language	Alternate tool and language
Logger Programming	Microsoft Winform application in C#	
Data Reading	Microsoft Winform application in C#	
Analysis and Reporting	Microsoft Winform or WPF application in C#	Microsoft Access and Microsoft Excel

User's Computer

Analyze and Reporting

- Analyze the previously downloaded data
- Make reports and charts