

CICERO BIOINSTRUMENTATION

We at Cicero Bioinstrumentation are committed to providing the medical and biotech world with quality Open Source Solutions that are reliable and can meet regulatory requirements.

Our People are highly skilled software development, and can provide on-time deliverables. All software developed by Cicero Bioinstrumentation follows standard software development models that include , Validation and Verification, unit testing, integration testing, traceability, and software design and version controls. For more information on Cicero Bioinstrumentation please contact:

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Sales

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Cicero, Indiana
46034

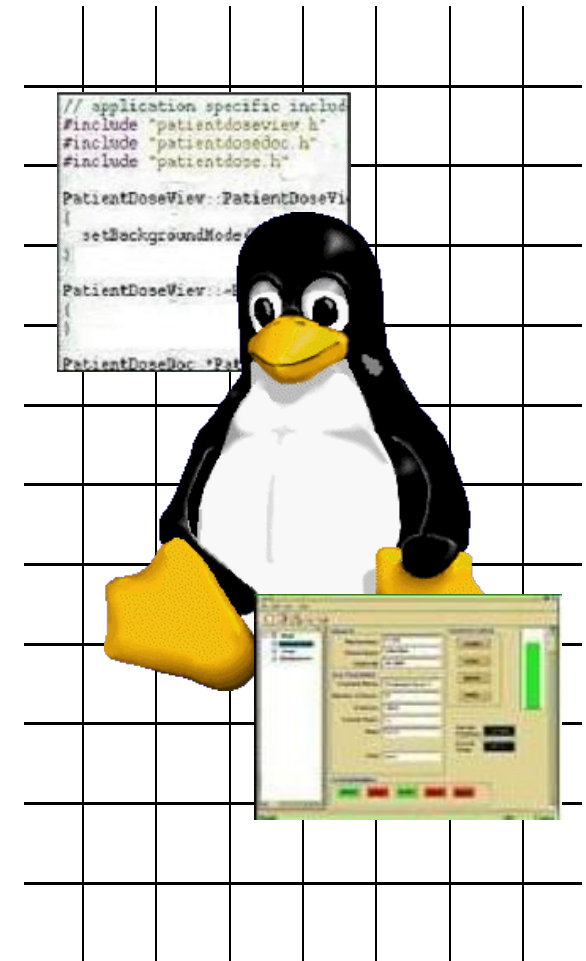
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www.bioinstruments.net

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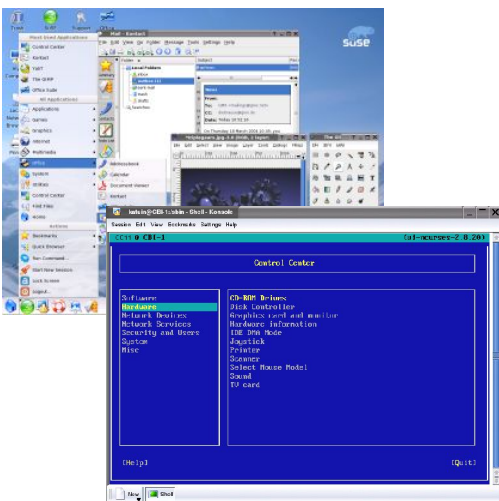
**Open Source Solutions for the Medical and
Biotech World**

Cicero Bioinstrumentation uses Linux and other Open Source software for solutions in many areas as well as real-time controls using real-time enhanced versions of the Linux Kernel. Our expertise encompasses application development, kernel module development, database design, cross-platform development, and controls.

LINUX USER APPLICATIONS

Cicero Bioinstrumentation develops Linux GUI applications using application frameworks such as GNOME and KDE, as well as Linux console applications using ncurses. Our designs result in applications that are intuitive and easy to use, with the "look and feel" the customer expects.

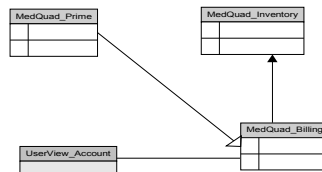
Cicero Bioinstrumentation can also assist customers in porting their application from other operating systems to Linux, while maintaining the look and feel of the original application.



LINUX DATABASE DESIGN

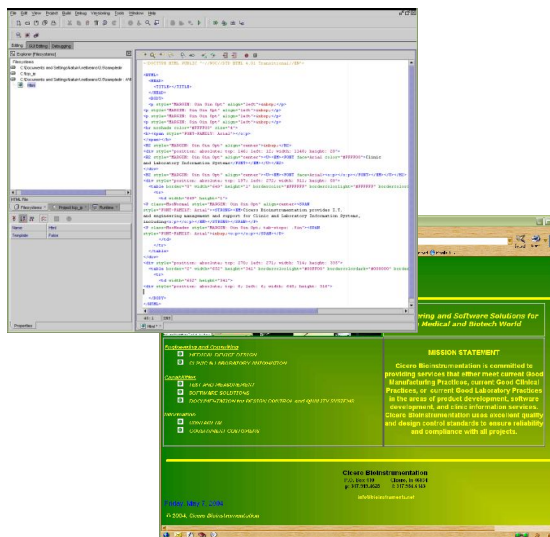
Cicero Bioinstrumentation can develop database solutions for Linux, using a variety of Open Source database platforms, including MySQL, Postgres, Firebird, and Berkeley DB.

CBI can also develop front-ends or client-side applications using Linux native GUI and console frameworks, web-based interfaces, or Windows™ based applications.



WEB DESIGN

Cicero Bioinstrumentation can develop Web based client or server side solutions for Linux (and Windows™), using Java, PHP, Perl, Python, and ASP.



KERNEL & MODULE DESIGN

Cicero Bioinstrumentation can develop Kernel modules for Linux device drivers and Linux Based control solutions.

```
//-----used for user space com
#include <linux/mm.h>
#include <linux/slab.h>
#include <linux/init.h>
#include <linux/fs.h>
#include <linux/mmap.h>
//-----used for user space com

//-----standard headers in kernel modules-----
#include <linux/kernel.h>
#include <linux/module.h>
#include <linux/config.h>
```

LINUX BASED SOLUTIONS

Cicero Bioinstrumentation provides Linux based solutions for:

Wireless Handheld devices



Automated equipment control



Image acquisition and processing



Computer and embedded Control Systems