

---

Subject: Re: Industrial software solution

Posted by [Mindtraveller](#) on Wed, 08 Jul 2009 21:58:35 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Then all these cranes' controllers where binded into one net with central terminal.  
The second part of my work was central terminal's software controlling these cranes autonomously. This will make line fully automated.

Terminal is a PC-compliant device with touch-screen and modified version of Windows 2000. Its program was completely made in U++. With all respect to U++ authors I have to say that application made is working 24 hours each of 365 days without hangup or crash. I achieved this by eliminating any new/delete calls, switching to alt-MT, own RS232 class and using a number of stable control and optimization algorithms.

Control algorithm is rather complex and large (takes about 200+ kBytes of source codes).

GUI was developed according to the fact that there's no mouse or keyboard. All we can do is tap finger to the screen. So, that is the main window:

---

### File Attachments

1) [shot1.png](#), downloaded 1297 times

---