CETEC ERP

White Paper
CLOUD ERP: A WORD ON SECURITY

Cloud ERP Security Concerns

The Cetec ERP cloud ERP platform delivers world class security to ensure that your company data is safe and secure in the cloud. It is not perfectly secure, because nothing is perfectly secure.

Nothing Is Perfectly Secure

In March 2011, RSA announced that they suffered a security breach by sophisticated attackers, and speculation began to mount that their SecurID product (used by lots of financial and military customers) had been broken. Soon afterward, Lockheed Martin announced that they had suffered a 'network intrusion'. Speculation that a foreign government advanced the attack was rampant, and concern that the flagship security product had been fundamentally broken was high.

The situation illustrates the principle that, "Nothing is perfectly secure". If RSA and Lockheed Martin can be breached, both companies with extensive security experience, anyone can be. Computer security is like physical security, and true to reality, a truly determined adversary can find a way through any set of security.

Locking Doors, Setting Alarms, and Assessing Risk/Benefit

Thus, Cloud ERP security is not a quest for the "perfect system", but rather a set of deterrents. Installing locks and an alarm on a vehicle can reduce the odds of the car getting stolen; those precautions may not make the car "un-stealable", but they are reasonable and responsible measures.

Alternatively, one option is outright refusal to buy any cars because they might be stolen. This would be a perfectly secure option. However, the benefits of having a car clearly outweigh the risk that it might be stolen.

In the current world of internet connected computers and networks, there are risks. But the benefits of email, ecommerce, and web-native cloud ERP software outweigh those risks. There are reasonable steps that should be taken to help stay secure. They may not be perfect solutions, but they are prudent, and it is naive to hope that nothing bad will happen.

Cloud Security With Cetec ERP

Cetec ERP is not a security company. We leave the extreme solutions to companies like RSA. However, we can help you measure your risk, address the likely issues, and make sure that your doors are locked and the alarm is on.

Cetec ERP employs state of the art security measures to ensure that your company data is safe and secure in the cloud, including electronic security, physical security on site, hardened, single purpose Unix server, dedicated resources with all services and ports closed off to the outside world (any door / window to the outside world aside from the Cetec ERP application is firewalled). Cetec ERP recommends that your company maintains strong passwords for your user base as a final measure of security.