# 英语信息安全论文范文(共20篇)

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*英语信息安全论文范文 第一篇The human beings are stepping into the information society. The information industry develops very rapidly...*

**英语信息安全论文范文 第一篇**

The human beings are stepping into the information society. The information industry develops very rapidly, so do the hackers, trick-playing teens, exploring children, fraudsters, and serious white-collar criminals. Thus, information security becomes an impending important issue.

人类步入信息社会。信息产业的发展非常迅速，黑客，特技播放的青少年，探索儿童，骗子，和严重的白领罪犯也是一样。因此，信息安全成为一个迫在眉睫的重要问题。

In case of information breach, the victims-government department, an organization or an institution, or a company will inevitably suffer great or small loss. Government may be threatened with national security. Companies may lose opportunities to develop new projects. And the public’s and users’ confidence will be damaged.

一旦信息被打破，受害者——\*部门，组织或机构，或大或小的公司将不可避免地遭受损失。\*可能会威胁到\*。公司可能会失去开发新项目的机会。与公众和用户的信心将被损坏。

Then how to deal with this issue? Technology is only a partial solution to information security. What’s more important is that organizations and companies should promote the awareness on information security to its staff. However, since no system can ever be 100 percent secure, a prevention-only approach to information security management is not enough. Companies and organizations should adopt a dual approach to information security management by combing prevention and detection techniques

那么如何处理这个问题?技术只是解决信息安全的一部分。更重要的是组织和公司应促进其工作人员的信息安全意识。然而，由于没有系统能百分之百的安全，只有一个保护信息安全管理的方法是不够的.。公司和组织应该通过预防和检测技术相结合采取一个信息安全管理的二元的方法。

**英语信息安全论文范文 第二篇**

In this section, you can write a composition about the topic in a few minutes: information security. You should write at least one article according to the Chinese outline below. Therefore, information security becomes an urgent and important issue.

Once the information is leaked, the injured government departments, organizations or institutions, and companies will inevitably suffer major or minor losses. The government may be threatened by the national security company, may lose the opportunity to develop new projects, and the confidence of the public and users will be damaged. Then how to deal with this problem is only one part of solving the information security problem, and more importantly, the group Organization and company should publicize information security awareness to employees, because there is no system that can achieve this.

Even if the information security management method is 100% secure, prevention is not enough. The company and organization should adopt dual information security management methods, combining prevention and detection technology.

中文翻译：

在这一部分，你可以用几分钟的时间写一篇关于主题的作文：信息安全你应该至少按照下面的中文提纲写一篇文章，因此，信息安全成为一个迫在眉睫的重要问题。一旦信息泄露，受害部门、组织或机构、公司都将不可避免地遭受重大或微小的损失可能会受到公司的威胁可能会失去开发新项目的机会，公众和用户的信心会受到损害那么如何处理这个问题技术只是解决信息安全问题的一个部分，更重要的是组织和公司应该向员工宣传信息安全意识，因为没有一个系统能做到这一点即使是百分之安全的信息安全管理方法，仅仅预防是不够的，公司和组织应该采取双重的信息安全管理方法，将预防和检测技术相结合。

**英语信息安全论文范文 第三篇**

When a variety of problems plague the information systems, the critical importance of information security becomes the focus of people\'s concern. It does deserve the unprecedented emphasis. It is widely accepted that information security, to some extent, outweighs other spheres in the field of information. So the related authorities, enterprises, institutions and organizations place the high priority on it.

Information Security concerns a range of problems- information interception, loss, damage etc. Business and military information leakage will have an devastating impact. For the information owners and monitors, they must drive their efforts to enhance the security protection and maintenance. For example, a strict control over the access to the secret data shouldn\'t be absent. The network and software provider should take a set of tailored protection measures targeting different com\*r crimes. The security issues should be also considered at the legislative level, so we are clamoring for a law designed to clamp down on various cyber crimes.

**英语信息安全论文范文 第四篇**

When a variety of problems plague the information systems, the critical importance of information security becomes the focus of people\'s concern. It does deserve the unprecedented emphasis.

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Information security concerns a range of problems- information interception, loss, damage etc. Business and Military information leakage will have an devastating impact. For the information owners and monitors, they must drive their efforts to enhance the security protection and maintenance.

For example, a strict control over the access to the secret data shouldn\'t be absent. The network and software provider should take a set of tailored protection measures targeting different com\*r crimes. The security issues should be also considered at the legislative level, so we are clamoring for a law designed to clamp down on various cyber crimes.

**英语信息安全论文范文 第五篇**

It is said that in China, food poisoning, fir, electric power and traffic accidents are the most common causes of death in campus accidents in China. As a student, we should take school safety seriously. What should we do? We should learn safety by taking safety classes, watching videos, playing short plays and schools.

We can make our own newss to learn safety. We should protect school safety Keep order. Don\'t panic.

If there is a fire, we shouldn\'t reach for the switch. We shouldn\'t eat junk food often. We should keep order when we are on the road.

If we cross the road, we should be careful.

中文翻译：

学校安全据说在中国每年的校园事故中死亡人数最多的是食物中毒、冷杉、电力和交通事故，作为一个学生，我们都应该认真对待学校安全我们应该做些什么我们应该通过上安全课、看视频、演短剧和学校来学习安全我们可以自己制作报纸来学习安全，我们应该保持秩序，不要惊慌失措如果真的发生火灾我们不应该伸手去摸开关我们不应该经常吃食品当我们在路上的时候我们应该保持秩序如果我们通过道路我们应该小心。

**英语信息安全论文范文 第六篇**

安全对于每个人来说既是非常重要却又容易令人忽视，安全顾名思义，无危则安，无缺则全。安全就是要以人为本，就是要爱护和保护好自己以及他人的生命及财产的安全。从其他角度上来讲，安全不仅是牵扯到自己也牵扯到别人。而且还会危及到其他人，自己出了事会抱憾终身。由于自己的失误而导致其他人的生命受到伤害或者死亡，说严重点这就是犯罪，要追究法律责任的。从道德上来讲的话，你自己的心理也会感到不安，感到愧疚的。

通过学习，现体会如下：

一是，所有的安全事故是可以防止的。安全事故是可以防止和避免的，每次事故的发生都有它的原因，我们从事故的根源入手，釜底抽薪，切断事故发生的条件，这样我们就可以防止事故的发生。这样就需要企业建立安全事故数据库，对各类安全事故进行分析总结，举一反三，将他人的事故作为我们的事故，从中吸取教训，避免事故发生。

二是，各级管理层对各自的安全直接负责。安全要引起足够的重视，就必须建立一把手的负责制度，奖罚分明，他必须对自己管辖范围内的安全生产负责，这样就会给他们足够的压力和动力。

三是，所有安全操作隐患是可以控制的。每种设备都有其操作规程，违反了其操作规程就可能对设备造成损坏甚至发生安全事故，也就是发生了违章行为。因此，在操作中必须按照操作规程进行。操作规程不能是一纸空文，必须有监督机制使其贯彻实施。

四是，员工必须接受严格的.安全培训。安全培训是使员工了解和掌握安全知识的重要途径，首先你要让你的员工知道怎么做是安全的，怎么做是不安全的，这样他们才会知道应该做什么，不应该做什么，我怎么做企业才会对我认可，怎么做会危害企业的安全生产。

五是，发现安全隐患必须及时更正。经过安全检查后发现了问题后必须及时整改，降低其演变为安全事故的可能性，如果发现了安全隐患不去整改，那么，我们根本就没有必要浪费人力物力去检查。所以安全隐患的整改必须及时彻底。

我觉得人们最重要还是要有一个很好的安全意识还要提高安全技能，其实在现场的安全设施那些对于人们来说它们都是死的，而使用它们的人是活的。所以提高安全的主观能动性和安全技能自己才能真正的得到安全保障。

——信息安全保密安全标语3篇

**英语信息安全论文范文 第七篇**

幼儿的生命安全关系到千家万户的幸福，听了海南省机关幼儿园何医生的讲座，我深感幼儿园工作的细微性、重要性。通过这次讲座，帮助我再一次的巩固常见意外伤害处理方法：挤压伤、割伤、刺伤、抓伤、砸伤、骨折、窒息、气管异物堵塞、跌落摔伤、鼻出血等症状的紧急处理方法。使幼儿在发生意外伤害时，及时正确处理，降低伤害程度，在很大程度上保证了幼儿的安全。同时也给我敲警钟，提醒自己在工作中要时刻注意孩子的安全。

作为一个幼儿园教师，我再一次审视了自己的工作性质，从事幼教工作多年，幼儿的安全事故看到和听到的不少，幼儿园每次开会，不厌其烦的强调也是幼儿安全问题，而在幼儿

园发生最多的就是幼儿人身伤害事故诸如：走失、摔伤、烫伤、抓伤、打伤、咬伤等等。

如出现这些事故时，作为教师的我们首先必须要展现出一种专业的关爱，即能用有如父母一般的心思来爱孩子，因为爱而产生责任感，因为责任感而小心谨慎地注意和关心任何和孩子安全相关的事物，用心周到地处理孩子的问题。这样的幼儿教师，出于一种专业的关爱，对幼儿的操心和牵挂是主动的，由于发自内心的主动，所以处处能防范于未然，孩子的安全于是更有保障。

其次，作为幼儿教师要了解的是幼儿意外伤害发生的一些要素是哪些，才能有针对性地加以防范。作为一名有责任心的幼儿教师，应该是充分地了解幼儿意外产生的一些相关知识，在保证幼儿安全的情况下，仍能提供给他们最大的游戏学习空间，而不是以安全为借口而限制孩子。我们应该给孩子最丰富的学习环境，努力提供各种玩具材料以满足幼儿的探索需求，但我们也应以一颗专业的关爱之心，不断观察孩子的能力和发展，以判断其是否能够进行安全的游戏。

最后，要加强幼儿的安全教育。教师必须清楚地认识到，不要忽视对孩子的安全教育，因为对幼儿再多的保护措施，如果幼儿不能自我警惕也难以避免发生意外。不要因为幼儿小而不进行安全教育，在幼儿园中进行安全教育是一种渗透式的教育，如在游戏中建立一些安全规则，在操作中学会正确使用各种工具的方法等，教师适时的指导能使幼儿慢慢地建立安全的行为方式。

**英语信息安全论文范文 第八篇**

The human beings are stepping into the information society. The information industry develops very rapidly, so do the hackers, trick-playing teens, exploring children, fraudsters, and serious white-collar criminals. Thus, information security becomes an impending important issue.

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In case of information breach, the victims-government department, an organization or an institution, or a company will inevitably suffer great or small loss. Government may be threatened with national security. Companies may lose opportunities to develop new projects. And the public’s and users’ confidence will be damaged.

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Then how to deal with this issue? Technology is only a partial solution to information security. What’s more important is that organizations and companies should promote the awareness on information security to its staff. However, since no system can ever be 100 percent secure, a prevention-only approach to information security management is not enough. Companies and organizations should adopt a dual approach to information security management by combing prevention and detection techniques

那么如何处理这个问题?技术只是解决信息安全的一部分。更重要的是组织和公司应促进其工作人员的信息安全意识。然而，由于没有系统能百分之百的安全，只有一个保护信息安全管理的方法是不够的。公司和组织应该通过预防和检测技术相结合采取一个信息安全管理的二元的方法。

**英语信息安全论文范文 第九篇**

When a variety of problems plague the information systems, the critical importance of information security becomes the focus of peoples concern. It does deserve the unprecedented emphasis. It is widely accepted that information security, to some etent, outweighs other spheres in the field of information. So the related authorities, enterprises, institutions and organizations place the high priority on security concerns a range of problems- information interception, loss, damage etc.

Business and military information leakage will have an devastating impact. For the information owners and monitors, they must drive their efforts to enhance the security protection and maintenance. For eample, a strict control over the access to the secret data shouldnt be absent. The network and software provider should take a set of tailored protection measures targeting different com\*r crimes. The security issues should be also considered at the legislative level, so we are clamoring for a law designed to clamp down on various cyber crimes.

——信息安全论文的3篇

**英语信息安全论文范文 第十篇**

Recently, the news that attack on China\'s Internet is always exposed. And the question of how to stay online safely raises a lot of discussion in our country. As a result, in the era of rapid development of network, we must take measures to protect our security of privacy and property effectively.

From my perspective, in the first place, we should call attention to our personal information. Not only do we not offer them at random in some strange websites, but we need to distinguish right from wrong among the numerous websites. Furthermore, it is inevitable that some secure anti-virus soft wares can be installed. And it will make it possible for that network can run more steadily. In addition to doing some work by ourselves, the government needs to draw up some policies to preserve national cyber security. It involves probing for deeply rooted reasons, devising creative solutions, developing high-tech talents and strengthening the supervision.

Although scientists still cannot overcome the problem completely, they are studying a great deal about how to protect our national cyber security. However, consciousness of cyber security should not decline. Only in this way, we just enjoy the convenience brought by the network.

**英语信息安全论文范文 第十一篇**

How much time can you use for the safety part of your composition. At least you should write at least a few words according to the outline given in \_China\'s information security\_. Human beings are stepping into the information society.

The information industry is developing very rapidly. Hackers, tricksters, and serious white-collar criminals are also spreading rapidly. Therefore, once the information is leaked, the information security of government departments, organizations or institutions will become an urgent and important problem, or a company will inevitably suffer large or small losses, the government may be threatened by national security, the company may lose the opportunity to develop new projects, and the confidence of the public and users will also be damaged An important part of the information security problem is what organizations and companies should publicize information security awareness to employees.

However, no system is absolutely safe. The simple preventive method in information security management is not enough. Enterprises and organizations should adopt the dual information security management method combining prevention and detection.

中文翻译：

★★：★★★6★★★：本部分为：，你可以用几分钟的时间写一篇作文，题目是：信息安全。你至少应该按照《中国信息安全》中给出的提纲写出至少几个字人类正在步入信息社会信息产业发展非常迅速黑客、耍花招的青少年、探索者、犯和严重的白领罪犯也在迅速蔓延。因此，一旦信息泄露，部门、组织或机构的信息安全就成为迫在眉睫的重要问题，或者一个公司必然会遭受大或小的损失可能会受到的威胁公司可能会失去开发新项目的机会，公众和用户的信心也会受到损害那么如何处理这个问题技术只是解决信息安全问题的一个部分更重要的是什么组织和公司应该向员工宣传信息安全意识，但是，没有一个系统是绝对安全的，信息安全管理中单纯的预防性方法是不够的，企业和组织应采取预防与检测相结合的双重信息安全管理方法。

**英语信息安全论文范文 第十二篇**

D instruction: for the second part, you can write a composition in a few minutes. The title is: information security. You should write at least a few words according to the outline in China\'s information security.

Human beings are stepping into the information society. The information industry is developing rapidly, and hackers are the same. Therefore, information security has become an urgent and important issue.

In case of information leakage, the government should departments, organizations or institutions, and companies will inevitably suffer major or minor losses. The government may be threatened by the state. Security companies may lose the opportunity to develop new projects, and the confidence of the public and users will also be damaged.

Therefore, how to deal with this problem, technology is only a part of solving the problem of information security. More importantly, organizations and companies should pay attention to their staff As no system is absolutely safe, it is not enough to adopt preventive methods for information security management. Companies and organizations should adopt dual methods to combine prevention and detection technology.

中文翻译：

D指示：用于此第二部分，你可以用几分钟的时间写一篇作文，题目是：信息安全你至少应该按照《中国信息安全》中的大纲写至少几个字人类正在步入信息社会信息产业发展迅速，黑客也一样，因此，信息安全成为一个迫在眉睫的重要问题，一旦发生信息泄露，部门、组织或机构、公司都将不可避免地遭受重大或微小的损失可能受到国家的威胁安全公司可能会失去开发新项目的机会，公众和用户的信心也会受到损害，那么如何应对这个问题，技术只是解决信息安全问题的一个部分，更重要的是组织和公司应该向员工宣传信息安全意识，由于没有一个系统是绝对安全的，因此仅采用预防性的方法来进行信息安全管理是不够的，公司和组织应采用双重方法来结合预防和检测技术9。

**英语信息安全论文范文 第十三篇**

In winter or long sweaters, we feel obliged to slow down and take stock of our lives. The fun and rituals of autumn revolve around the harvest to prepare for winter. We have plenty of time to think about what we have achieved in the warm season, to taste the first cup of cider of the year, or to breathe the aroma of decomposed leaves.

中文翻译：

冬天或是长时间的毛衣天气，我们感到有义务放慢脚步，盘点我们的生活秋季的乐趣和仪式围绕着丰收的丰收为冬天的到来做准备有充足的时间来思考我们在温暖的季节里所取得的成就，同时品尝xx年中的第一杯苹果酒，或者呼分解的树叶的芳香。

**英语信息安全论文范文 第十四篇**

>Information Age

It\'s the age of information now and information is very important in the need verious of information to live a normal need to know the lastest news ,listen to the weather forecast,learn about the newly published books and many other things we are interested in and want to know.

There are many way of acquiring information,for example we can watch TV,listen to radio, read newspaper and magazines and go on line which is to most popupar ,convienent and effective way now.

Living in such an age of information,what should we to to face up to the challenge of it?I think we should try our best to learn as much knowledge as we can and try to master the new techonology.

**英语信息安全论文范文 第十五篇**

1. 复制涉密文件、资料，不得改变其密级、保密期限和知悉范围。

2. 干工作，一日无功即是过;保秘密，一世无过才是功。

3. 革命战争年代，保密就是保生存、保胜利;和\*建设时期，保密就是保安全、保发展。

4. 贯彻《保密法》，做好高新技术条件下的保密工作。

5. 出口国家秘密技术必须严格按照批准的范围和内容执行。

6. 传递涉密载体，必须通过机要交通、机要通信或者指派专人传递。

7. 从自身做起，从点滴做起，让保密成为工作生活习惯。

8. 大型涉密会议、活动要使用保密会议移动通信干扰器。

9. 不使用无保密保障的有线、无线通信和普通邮政传递党和国家秘密。

11. 不在家属、亲友、熟人及其他无关人员面前谈论党和国家秘密。

12. 不得将未经技术检测的办公自动化设备用于保密要害部门部位。

13. 不得将未经专业销密的涉密计算机出售、赠送或丢弃。

14. 不得将无线鼠标、无线键盘等无线外围设备用于涉密计算机。

15. 不得向境外组织、机构投寄涉密稿件或其他作品。

16. 不得擅自将涉密计算机及办公自动化设备交由外部人员维修。

17. 不得擅自委托其他人员代替参加涉密会议、活动。

——考研英语阅读快速筛选有效信息的方法

**英语信息安全论文范文 第十六篇**

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it is widely accepted that information security， to some extent， outweighs other spheres in the field of information. so the related authorities， enterprises， institutions and organizations place the high priority on it.

information security concerns a range of problems- information interception， loss， damage etc. business and military information leakage will have an devastating impact. for the information owners and monitors， they must drive their efforts to enhance the security protection and maintenance.

for example， a strict control over the access to the secret data shouldn\'t be absent. the network and software provider should take a set of tailored protection measures targeting different com\*r crimes. the security issues should be also considered at the legislative level， so we are clamoring for a law designed to clamp down on various cyber crimes.

**英语信息安全论文范文 第十七篇**

D instructions: for this part, you can use the theme: information security in China Information Security: human beings are stepping into the information society, the information industry is developing very rapidly, so are hackers and tricksters. Explore children, swindlers and serious white-collar crimes. Information security has become an urgent and important problem.

Once information is leaked, the government departments and groups will be injured Organizations, institutions and companies will inevitably suffer major or minor losses. The government may be threatened, and national security companies may suffer losses as a result. The opportunity to develop new projects and the confidence of the public and users will be damaged.

So how to deal with this problem? Technology is only a part of information security solution. More importantly, organizations and companies should publicize information to their employees Security awareness, because no is absolutely secure, it is impossible to simply prevent information security management method. Therefore, companies and organizations should adopt dual information security management methods, combining prevention and detection technology.

中文翻译：

D指示：用于此部分，你可以在主题：信息安全你在《中国信息安全：人类正在步入信息社会信息产业发展非常迅速，黑客、耍花招的青少年也一样，探索儿童、犯和严重的白领犯罪，信息安全成为一个迫在眉睫的重要问题一旦发生信息泄露，受害部门、组织或机构、公司将不可避免地遭受重大或微小的损失可能受到威胁，安全公司可能会因此遭受损失开发新项目的机会和公众和用户的信心将受到损害那么如何处理这个问题技术只是信息安全的一个部分解决方案更重要的是组织和公司应该向其员工宣传信息安全意识，由于没有一个系统是绝对安全的，单纯预防的信息安全管理方法是不可能的，因此公司和组织应该采取双重的信息安全管理方法，将预防和检测技术相结合。

**英语信息安全论文范文 第十八篇**

“knowledge is power.” this is more obviously true with the advent(到来) of the information age. with the rapid development of science and technology, man’s knowledge is increasing very quickly. more and more books and scientific papers are published every year. it is said that the total of man’s knowledge doubles every ten years. besides, information spreads very quickly through television and com\*r networks, and people in different countries can share their knowledge and information in a fantastic(惊人的) short period. like population eplosion, information eplosion in our times.

at the beginning of the industrial revolution, a countrys comparative(相对的,比较的) advantage depended largely on the natural resources endowed(天生具有) by nature. then, people eperienced several phases(阶段) in industry revolution: the primary industry(agriculture), the secondary industry(manufacturing 工业), and the tertiary(第三的) industry(服务). now, we are in the fourth industry stage----the information industry.

it is argued that in future people should no longer be classified(分类的) as white collars(衣领) or blue collars, but rather as knowledge or non-knowledge workers. the knowledge workers can not only read and write, and perform rote(死记硬背) tasks, they must meet the basic requirements(需要) of com\*r literacy(读写能力) and constantly(不断地) conceive(想象，构想) new way to match(相适合) the changing demands of increasing productivity(生产率,生产力).

it is people mastering the most advanced knowledge who will take the lead. systems developers(开发者), com\*r scientists and programmers, management \*ysts and inventors are in most demand in the industry countries.

the challenge(挑战) facing every country is to resuscitate(复苏) its investment(投资) and training. the only way to get greater knowledge is though education and training. knowledge, like capital(首都) and material resources, has become an essential(不可缺的) factor of production. therefore, the educational system of a society ought to enable its members to make a rapid transition(过渡) to adapt to the knowledge-based war. otherwise, that society will inevitably(不可避免的) lag(落后) behind.

**英语信息安全论文范文 第十九篇**

Com\*rs are playing a more and more important role in modern society. They are already widely used in industry and in universities to do extremely comp1icated work in all branches of learning. They can solve the most complex mathematical problems or put thousands of unrelated facts in order. Because they work accurately and keep at high speeds, they save research workers years of hard work. They play a key role in automation. Besides, they have found applications in business, transportation, education and other fields. Com\*rs have brought important social consequences.

Com\*rs are also entering ordinary families. As com\*rs are being made small, cheap, and at the same time easy to use, more people buy com\*rs for their homes. We use com\*rs to control the work of washing machines, TV sets, electrical cookers and other electrical appliances. We use com\*rs to process and store all kinds of information. We also use com\*rs to entertain ourselves by playing games on them. There is no limit to the application of com\*rs in our lives.

Despite all the advantages t com\*rs can never take the place of human brains. Although com\*rs work much faster and much more accurately than human beings, they cannot “think\_. They need detailed instructions from human beings in order to be ab1e to operate. They can never lead independent lives, or “rule the world” or \_rule the world \_by making decisions of their own. No matter how capable they are, they are our servants, not our masters.

>译文：

电脑在现代社会正起着越来越重要的作用。他们已经广泛用于工业和大学，在所有分支机构中做着非常复杂的工作。它们可以解决很复杂的数学问题，或把成千上万件不相关的事件关联。因为它们工作准确、速度快，解脱了研究人员多年艰苦的工作。他们在自动化中发挥着关键作用。此外，他们在商业，交通运输，教育和其他领域也意义重大。电脑带来了重大的社会影响。

计算机也进入普通家庭。计算机是小的，廉价的，并在同一时间使用方便，更多的人在家里买了电脑。我们用电脑控制的洗衣机，工作台电视机，电饭锅等电器。我们利用计算机处理和存储各种信息。我们还可以用电脑来娱乐自己，玩游戏。计算机应用在我们生活当中不限。

尽管有这么多优势，计算机不能代替人脑。虽然计算机工作速度更快，比人类更准确，他们不能“想”。他们需要人类操作的详细说明。他们永远不能过独立的生活，或“统治世界”或按自己的决定“统治世界”。不管他们多么能干，他们是我们的仆人，而不是主人。

——信息安全问题英语作文3篇

**英语信息安全论文范文 第二十篇**

>1企业的信息化建设意义

>2电子信息安全技术阐述

电子信息中的加密技术为保证数据的传送更加完整和安全，电子信息重要使用加密技术。对称加密技术和非对称加密技术是加密技术的两种类型。对称加密技术的实现经由包括明文、密钥、加密算法和解密算法这样的五个基本成分在内的分组机密或序列密码。而非对称加密技术解密和加密相对独立，经由两把不同的密钥进行加密和解密。被称为公钥的加密秘钥向公众公开，被称为私钥的加密秘钥秘密保存，二者必须配对使用。被传送的加密信息经过加密技术起到了保密作用。发送电子信息的过程中，所要发出的信息被发送人经过加密秘钥加密后发出，如果信息在传输过程被窃取，他也只能拿到没办法没理解的密文，但是密文可以被接受者用解密秘钥进行解密，得到明文。

电子信息中的认证技术电子信息的认证技术分为身份认证和消息认证两种。身份认证包括识别（明确并区分访问者身份）以及验证（确认访问者身份），用于对用户身份的鉴别。身份认证必须在用户访问不公开的资源时被通过。消息认证是用来辨别信息的真伪和信息有没有经过第三方的伪造或者修改，被用于确认和保证信息的完整性和抗否认性。

>3企业电子信息的主要安全要素

企业电子信息的有效性现今，企业的信息传递大多采用电子的形式，这是电子信息技术发展的必然结果。关系企业贸易能否顺利进行和整个企业的经济利益的前提条件就是信息的有效性。要保证信息传递的有效性，排除各类潜在的对信息有效传递存在威胁的因素尤为重要。

企业电子信息的完整性对企业交易双方都十分重要的一点是要保证交易各方的信息的完整，因其经营的策略被交易方的信息完整性所制约。所以企业之间进行交易的基础就是防止信息在传送的过程中丢失，或被随意生成或者篡改，保证信息的完整性。

>4企业中电子信息安全问题的解决策略

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