maverick™

2-Factor Authentication Scenario*
MANUFACTURING INDUSTRY

*Scenario is for illustrative purposes only.
 This is not a case study.

IBM Business Partner

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Hello and thank you for your interest in Maverick Secure.

In establishing Maverick I had a vision to build a company that everyone could be proud to work for, be associated with, and would want to conduct business. I believe we have achieved that goal and continue to aspire everyday to make that an on-going reality of continuous improvement. Here at Maverick Secure we are building a company that is run with integrity. Our ethos: SECURITY IS EVERYTHING. Our products, our service, and our mission will not be compromised. Our mission is to provide the most secure authentication process available on the market, and match that with the most affordable price point in the market.

The Maverick family is founded on several core principles:

- To stay ahead of hackers and rogue elements by providing the strongest, most secure, highly innovative and patented authentication processes available;
- To provide a great product at a reasonable price;
- To be responsible to our customers: your success is our success;
- To be responsible to our employees: we all work hard and so we should all share in our collective successes.
- To be responsible to this land that we all share: make every effort to create a sustainable product that will contribute to the health, vitality and industry of this planet;
- To invest in solutions that will enable the business community to grow and develop: businesses of all sizesare the backbone of our communities, our culture and our country.

Maverick Secure is fully invested in developing and protecting a work environment that rewards integrity and embraces diversity. We believe in quality service and support this with a strong work ethic. Here at Maverick Secure, we will not compromise integrity for profit. We will not discriminate on the basis of race, ethnicity, religious preference, sexual orientation or gender – rather, we will truly endeavor to embrace and elevate individuals who deliver on our core values. It's simple really: your success is our success. We believe in good honest work, and we will work hard to produce the tools, the solutions, and resources that make your task easier, more efficient, more profitable and most importantly, MORE SECURE.

On behalf of the Maverick family, I welcome you to learn more about our family of products, and to become our next Maverick Secure satisfied customer.

Thank you.

Patrick McNicholas
Managing Partner

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Key Requirements
Provide a more durable protection system for confidential data by moving from traditional username-password authentication.

Challenges
The new system has to be very secure but at the same time, must be simple, quick to deploy and easy to use.

Maverick Solution
The company reviewed many security vendors and finally chose the solution offered by Maverick Secure LLC.

Results
The new system provided employees with a more secure access system.

About Maverick Secure LLC
The Maverick solution not only secured access to corporate data onsite and off, but also deployed it in a very short time while showing a marked improvement in ROI.

Increased security of corporate data by going for a strong two-factor authentication system.

At-A-Glance

Key Requirements

- Improve the protection of company data and communications through two-factor authentication.
- Provide a safe environment for employees' remote communication with the company system.

Solution

- A strong token access system featuring exceptional two-factor authentication.

Results

- Secure employee access to corporate data and applications onsite and off.
- Secure access for visitors, consultants and vendors.
- Short deployment takeoff model.
- Reduced administration and operational costs.

Introduction

Today's technology has enabled systems that allow businesses to efficiently communicate, share and exchange information in an electronic format. This led to growth in many sectors, including the manufacturing industry. However, advancements also led to the increased probability of being hacked from internal and external sources. Today's business transactions data electronically stored and transmitted on computer networks are vulnerable. Security infrastructure technologies in the manufacturing industry have not kept pace with the technological advancements that spurred the industry's growth.

The need to authenticate the identity and validity of users accessing information on the network and ensuring secure connection between employees, partners and customers has become a top-level priority for many businesses.

Security solutions are widely deployed to provide businesses with secure connectivity. However, VPNs and other security applications are notoriously vulnerable to hackers as they are only password-protected. Passwords alone are easily compromised and are widely regarded as the weakest link in any given security system. In view of these challenges, enterprises of all sizes require strong authentication systems, which are powerful and required additions to any VPN, firewall or other password-protected e-Security system.

The Need for a Strong 2-Factor Authentication

Nowadays, such solutions must have a low total cost of ownership, must be easily scalable to the size of the organization, must provide private and secure working atmospheres and deliver proven return on investment.

TWO FACTOR AUTHENTICATION meets these expectations.

Two-factor authentication offers identity theft protection by making it difficult for attackers to steal users' online identities.

Key Requirements

- Strongly protect confidential data by moving from traditional username-password authentication to a strong two-factor authentication system.
- Make inter-location communication and data access between employees and the company information databases and the virtual meeting infrastructure system as secure as possible with the new system.

Challenges

- The new system had to be very secure but at the same time, simple, quick to deploy and easy to use so it would not disrupt company workflow.
- It had to be scalable to accommodate different corporate personnel and management security access needs.
- Most importantly, it had to be within budget.

Two-factor authentication requires the user to physically possess something (i.e. grid card, smartcard, token) in addition to something the user knows (i.e. the password or PIN).

Two factor authentication is flexible and scalable by design, is built for ease of use and rapid deployment. It allows you to quickly create efficiencies across your organization and smoothly adapts to your unique communication management needs. The proven ease of use, combined with strong security and privacy features, make two factor authentication a great asset to your business.

Information security is no longer an option for firms in the manufacturing sector; it is an imperative business need. This business need would help them to stay competitive and enable them to be at the forefront of the market landscape.

The need for durable authentication is greater than ever, the cost of solutions such as single sign-on and strong two-factor authentication has become more economical, and such solutions are now easier to use. It is time for companies to look at improving their authentication procedures, if they want to remain secure and avoid potential business disruption, financial loss and damage to reputation.

Case Scenario

A leading liquefied petroleum gas (LPG) distributor was keen on strengthening its electronic security systems to protect confidential corporate data and reduce the incidence of online fraud and attacks while its employees, management personnel, and consultants accessed company information and communicated across the companies' far-flung locations with ease and security.

The company saw that its old username-and-password authentication system was inadequate to safeguard theft of confidential information in the increasingly competitive gas-bottling industry. The company required a stronger authentication system which was easy enough to use and it would not adversely affect how the employees and personnel did their work e.g., running company-hosted applications.

Results

- The new system provided employees with a more secure access to their corporate data and applications.
- Customized security access was easily accommodated for visitors, consultants and vendors.
- Deployment and company adoption exceeded expectations.
- Return on investment was optimized due to reduced costs and administration time.

At the same time, the company wanted the new system to help solve the problem of unsafe remote employee communication between company sites, which led to delays and lost business opportunities.

Maverick Solution

The company reviewed many security vendors and finally chose the solution offered by Maverick Secure LLC. The strong-two factor authentication device was the Maverick 2-F™ token system.

The Maverick 2-F™ was designed from the ground up to keep corporate information and business interests safe and secure with its strong two-factor military-grade authentication while being affordable and scalable enough to be used by companies of any size and industry vertical.

It's time-based password generation and synchronization clinched it for the company. The Maverick 2-F's push-button generation of a secure one-time password every 60-seconds allowed the company to ensure proper identification, allowing only authenticated users with authorized access to critical applications and sensitive data.

This resulted in enhanced data protection for the company's employees when they connected remotely to the company's online information and applications. They were secured against malicious online attacks like simple phishing attacks, real-time phishing attacks, brute-force attacks, chosen-plaintext attacks, replay attacks, shoulder surfing and snooping.

In addition, the Maverick 2-F™ provided convenient management features and tools like zero-software installation, web-based remote management (aside from a full configuration version) for centralized or distributed deployment, multiple operating system support, central authentication for networks and operating systems, versatile support for a wide range of authentication and access gateway solutions to protect important information. Company deployment was completed in six weeks, reducing administration-duties and costs.

About Maverick Secure LLC

Maverick provides multi-factor authentication solutions to safeguard confidential digital records and data. It is applicable to industries including technology, Internet, healthcare, education, financial services, government, military and subscription services. Maverick's strong multi-factor authentication processes are your solution when passwords just aren't enough to protect your sensitive data from unauthorized users and hackers.

The Maverick brand is dedicated to providing the business community with a high quality and affordable alternative to the pre-existing/overpriced offerings currently available in the market. By providing user-friendly, scalable and seamless compatible technologies, our products match and very often exceed our competitors' products while remaining price sensitive, affordable and much greater offering value for money.

Maverick offers stronger security by leveraging the industry's leading multi-factor authentication processes in very unique and efficient out-of-band channel methods. By living up to its name, Maverick takes a unique "out of the box" strategic perspective in protecting our clients from the threats that surround us in this constantly evolving security-vulnerable world. Maverick provides an easy-to-use approach for users while providing the highest level of security as an overlay to existing business applications and systems.

The Maverick brand started out as Maverick Computers and was named as "One of the fastest growing computer companies in North America," "#1 Solution Provider" and the "#1 System Builder in North America based on growth (2004)," and "Server Innovation Award" by CRN Magazine for developing a virtually indestructible server. The company then launched a new sister company called Maverick Communications which was awarded "2005 North American System Builder Association – Business Innovation of the Year" for creating an integrated array of video, voice and data services that included what was then the world's fastest Internet access for consumers at 45mbps. Over the past five years a new division of the Maverick brand, Maverick Secure LLC., was launched to combat the ever-evolving and tenacious attacks of hackers such unauthorized access of data and the multitude of other security breaches have caused serious turmoil within the computer and associated industries. In 2009 Maverick partnered with IBM, the number one server company in the world for enterprise users, to develop the "Maverick SMART Server Powered by IBM." By utilizing the award winning hardware of Maverick Computers, the industry's leading authentication process of Maverick Secure and the online and business applications of IBM, Maverick is now positioned to deliver end-to-end solutions for businesses small and large. We believe we have brought together the perfect harmony of leading technologies to offer one of the most secure solutions that addresses issues related to password authentication.t

Contact Us

To learn more about how 2-Factor Authentication products, services, and solutions help solve your business and IT challenges please contact your local representative or authorized reseller.

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Maverick helps organizations secure and manage their information-driven world with security management, endpoint security, messaging security, and application security solutions.