What is a safe and secure society that the times demand?

Yes, you know it well. The word resilient means "flexible", "resilient", and so on.

Example) Resilient society, building resilient infrastructure

It's called "Strengthening Resilience".

Recently, we have seen natural disasters and pandemics of a severity not experienced in the past.

we need to make sure that our products, operations, and social infrastructure are flexible enough to adapt to different situations.

In order to adapt to these crises,

This time, let's learn about the third materiality, "Build a safer and more secure world".

So, first...
For example, unmanned and labor-saving technology in distribution warehouses is one of them.

What exactly are we doing?

Exactly!

Simply put, it means adapting everything around us and our environment to a fast-changing world.

Sure! And robots don't get sick.

How does it relate to disasters and pandemics?

Yes, the Mitsubishi Heavy Industries Group supports vital infrastructure through products like these.

Even if people can't come to work because of an emergency, logistics can continue to function in automated warehouses.

Oh, I've seen that on TV! Inside the distribution warehouse, a self-driving forklifts were moving and sorting packages.

I see!

Japan is aging and the number of people in their prime is decreasing. Besides, it also leads to improvement of the labor shortage that has been talked about recently.
Is it different from internet security?

The other category is improving cybersecurity technology.

And next,

2 Enhancing cybersecurity with digitization

Other than that, transportation and logistics,

Digitization is happening everywhere.

That's included, of course.

Of course, the safety and security of society changes with the times, so the technology and technical fields required will be updated daily.

We need to keep up with the changes.

The more useful technology we have, the more technology we need to protect our users and systems.

As machines get smarter and connected to each other, we need new cybersecurity, too.
Oh!

Exactly! That's why the company-wide goal for materiality that we identified this time focus on these initiatives.

- Boost the resilience of products, businesses, and infrastructure

- Implement full-automation and labor-saving measures

- Continuously strengthen cybersecurity measures for all MHI products
and we are conducting disaster prevention simulation to come up with countermeasures.

In order to minimize the impact on people's lives in the event of a major natural disaster or accident, we can predict the damage to infrastructure in advance.

Cybersecurity

Security Management System (SMS)

We are supporting the realization of a safe and secure society through the commercialization of the "InteRSePT®" cybersecurity solution for control systems.

Air purifiers for large spaces

To prevent viruses, etc., from staying in the building.

we are also developing air purifiers for large spaces.

Waste incineration power plant

In recent years, due to the stable operation of the plant,

we introduced a remote monitoring and advanced driver assistance system (MaiDAS®) using AI and IoT technology.
Hmm.

Because we have been responsible for the social infrastructure that is the foundation of many people's lives.

The MHI Group supports the safety and security of society in many ways.

What do you think? The way you see the world has changed a little, hasn't it?

I see! The daily life we take for granted is actually protected through these activities.

In addition, I believe that it is an important mission of the MHI Group to raise the level of our products and services in order to protect vital infrastructure from future natural disasters and the increasing sophistication of cybercrime.

Yeah! Thank you. Techno-kun, while you're at it, I wonder if we can automate the sorting of this pile of papers…