As we begin to reopen offices and embark on a journey of recovery, it is important to consider workplace improvements that will help minimize the impacts of future disruptions.

ESD’s Technology Revitalization Guide provides our clients with recommendations that help enable a healthy, safe and resilient workplace environment well beyond re-entry.

**REVITALIZATION PLAN**
- Identify a business leader responsible for leading the development of your workplace’s technology revitalization plan.
- Develop a return-to-work plan that takes into consideration the technology recommendations and best practices identified in this guide.
- Include a member of your IT team or hire a Technology Consultant to provide support and guidance for IT and Facility Systems.
- Work with a Technology Consultant to help evaluate existing infrastructure, identify potential gaps, growth opportunities, technology improvement initiatives and create an infrastructure upgrade roadmap.

**AUDI-O/VISUAL**
- Perform a UC platform assessment to determine the right solution for your corporate environment’s long-term success.
- Evaluate and select on-premise cloud services and collaboration platforms that enable remote collaboration with the office—mobile Bring Your Own Meeting (BYOM) vs fixed Room Bawdjooy Meeting (RBM).
- Review digital signage solutions and content management platforms to continue to provide a fluid and transparent employee communications plan. Deploy content management solutions that provide cloud storage and remote web application access as well as 3rd party API integrations.
- Consider reduction of common touchpoints and surfaces within conference rooms and collaboration areas and substitute with occupant individualized controls, personalized devices, and mobile applications.

**BUILDING TECHNOLOGY**
- Ensure remote monitoring of computer rooms.
- Evaluate Automated Infrastructure Management (AIM) systems for remote managing of network physical layer.
- Evaluate zone wiring topologies that can provide greater flexibility for future IoT deployments, WiFi-7 upgrades, or office reconfigurations.
- Evaluate cable infrastructure to support increased use of Audio/Video, over IP (AVoIP) now and Power over Ethernet (PoE, UPOE+) edge devices.

**SECURITY**
- Integrate automatic door operators into access control system to further reduce touch points.
- Incorporate digital credentials, QR reader, touchless check in and security devices to help eliminate common touchpoints and streamline visitor experience.
- Incorporate security planning requirements into access authentication.

**WIRELESS NETWORK**
- Ensure WiFi network configurations include the reduced use of the 2.4GHz spectrum and 200MHz channel allocation on the 802.11ax spectrum.
- Upgrade to WiFi-6 (802.11ax) standard access points allowing for a mobile office environment where people can work while maintaining social distancing.
- Evaluate use-case criteria for deploying a Private LTE network across your corporate campus or facility.

**WORKSPACE EXPERIENCE**
- Explore remote/definitive workplace solutions that help build a better digital culture, connect the workplace disparate tech stack, and enable fluid collaboration among the distributed workforce.
- Explore implementing a workplace experience mobile app solution that helps bundle the recommendations and helps connect technology features as well as 3rd party API integrations.
- Update visitor management process to include health declaration and mobile check-in that help digitize the visitor experience and also push medical disclaimer acceptance messaging and/or asymptomatic confirmation requirements.
- Consider Indoor Air Quality (IAQ) IoT solutions that continuously monitor, track and measure rooms, chemicals, and environmental conditions within your workplace to help get insights into the indoor environment and promote positive change.

ESD’s Technology Consulting team is here to advise and develop our clients’ requirements and connect them with technology partners for leveraging technology into the work environment and determining the right audio visual, security and wireless upgrades.

For more information visit contact one of our Technical Consultants, please visit www.esdglobal.com/COVID-19.