

NIDLE BY INTELLIER

Transforming Bangladesh's RMG Industry

Intellier, the IT wing of Team Group, has emerged as a frontrunner in Bangladesh's information technology landscape. Founded in 2018, Intellier has rapidly made its mark by introducing groundbreaking solutions that not only streamline business operations but also promote sustainability. At the heart of this success story is their flagship product, Nidle, a homegrown innovation that has garnered national recognition and is revolutionising the apparel industry.

The challenges facing the Ready-Made Garments (RMG) industry are multifaceted, including production floor performance, efficiency, and labour management. In response to these challenges, Intellier harnessed the power of IoT (Internet of Things), AI (Artificial Intelligence), and Machine Learning to create Nidle, a cutting-edge solution that monitors production floor productivity and quality

management in real time.

Nidle is a 4.0 IR technology that provides a solution to the problems of the modern RMG industry in a way that has transcended boundaries. Not only has the tech solution provided by Nidle found its presence in RMG markets, but it has also been able to solve problems on factory floors where efficiency is the key. It is an award-winning solution, grabbing multiple awards from ICT and Bangladesh Brand Forum over the years.

Nidle offers a range of benefits to garment factories, enabling them to:

- ▶ Reduce complexity: Nidle simplifies the input process through automated requisition, reducing the workload on staff.
- ▶ Optimise manpower: The system intelligently allocates manpower to the right areas, ensuring optimal utilisation and reducing labour costs by up to 15%.
- ▶ Cost reduction: By streamlining



STANDOUT FEATURES OF NIDLE



operations and enhancing efficiency, Nidle contributes to a significant reduction in overall costs, positively impacting the bottom line.

- ▶ Timely materials: Nidle ensures that materials are available at the input line when needed, solving production line's input gap.
- ▶ Quality control: It identifies quality defects in real-time, reducing defects by up to 7%, thus enhancing the overall product quality.
- ▶ Accurate data: Nidle captures real time line production and quality data, providing valuable insights for informed decision-making.

One of Nidle's standout features is its ability to provide real-time data without human intervention. IoT devices embedded in sewing machines collect critical worker productivity data and critical production line information. This data is then seamlessly transmitted to a central dashboard, enabling factory managers to make informed decisions promptly.

The success story of Nidle began with its pilot implementation at 4A Yarn Dyeing Ltd, a LEED Platinum-rated outerwear manufacturing unit owned by Team Group. Within a short span, Nidle improved the efficiency of this unit by an impressive percentage. Recognising its potential, Team Group has since introduced Nidle to other apparel concerns within the group.

Nidle goes beyond just monitoring productivity; it aids Quality Control (QC) managers and production managers in tracking output, defects, and reworks. The system generates automatic alerts and escalations when materials are

not provided to input men on time. Additionally, a live hit map enables quality managers to pinpoint processes that produce defective outputs, enabling swift corrective actions.

Nidle's contribution to the apparel industry did not go unnoticed. In 2022, it received the "Best Innovation in Fashion & Apparel" award from Bangladesh Brand Forum, a testament to its transformative impact on the sector. This recognition speaks volumes about Nidle's ability to address industry-specific challenges and drive positive change.

Intellier was also recognised twice at BASIS National ICT Awards for its groundbreaking technology which brought a massive change in the RMG industry.

Intellier Limited, Team Group's IT concern, has taken a significant step by commercialising Nidle in Bangladesh's apparel industry. This move is poised to bring the benefits of Nidle to a broader spectrum of garment manufacturers, further solidifying its position as a game-changer in the industry.

Nidle by Intellier is a stellar example of how innovation, technology, and a deep understanding of industry-specific challenges can lead to transformative solutions. Its ability to streamline operations, enhance quality, and reduce costs has made it a valuable asset for the apparel industry in Bangladesh. As Intellier continues to expand its reach, Nidle's impact is set to grow, contributing to the nation's economic growth and the sustainable development of its key industries.