



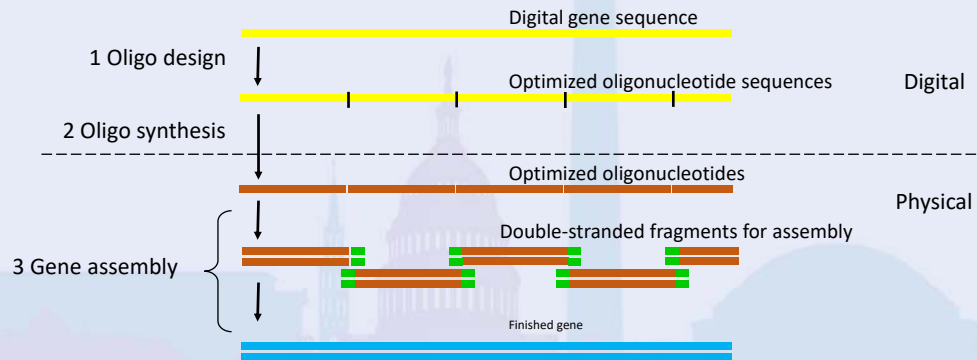
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Simplified Gene Synthesis Workflow



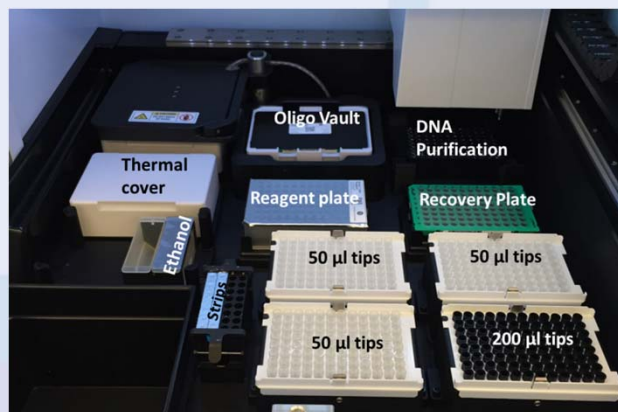
1. Optimized oligonucleotides (oligos) are calculated from digital gene sequence. 2. The synthesizer generates the optimized oligos. 3. The instrument attaches “sticky ends” on the oligos and performs the assembly of the complete gene(s).

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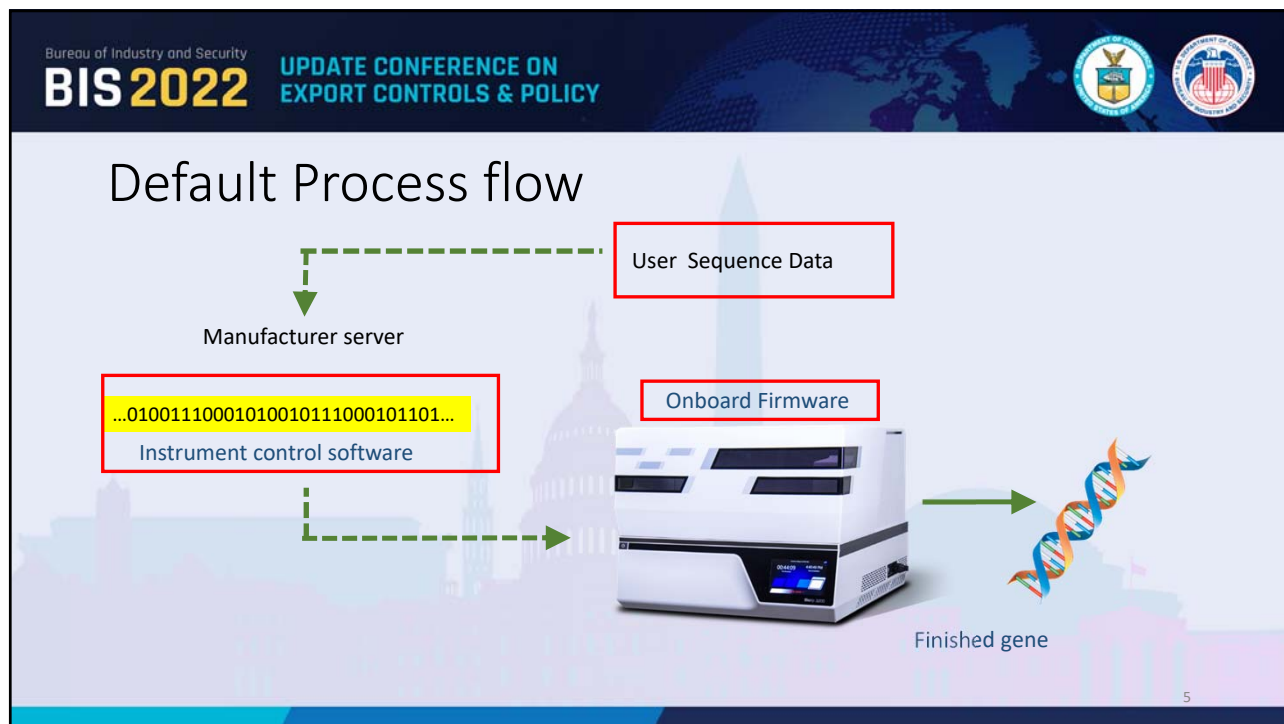


The Equipment

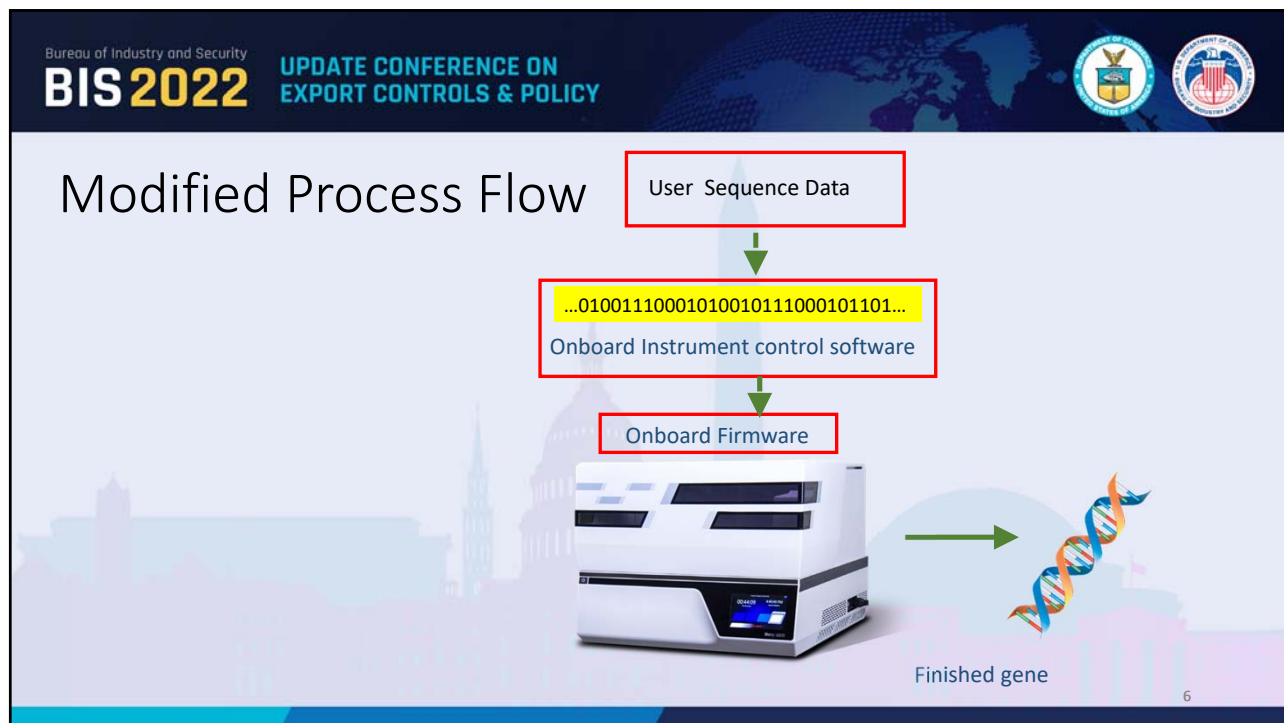


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Bureau of Industry and Security
BIS 2022

UPDATE CONFERENCE ON
EXPORT CONTROLS & POLICY



Sequence

- Manufacturer contacted BIS
- Presented the issue to the AG in February 2020
- Proposed Rule November 2020
- Australia Group formal proposal May 2021 and adoption July 2021
- Implementation in the Export Administration Regulations October 2021

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